

CATALOGUE

OF THE

TRUSTEES, OFFICERS, AND STUDENTS

OF THE

UNIVERSITY OF PENNSYLVANIA.

CXXIInd SESSION

1872-73.

PHILADELPHIA:

COLLINS, PRINTER, 705 JAYNE STREET.

1873.

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 Professor of Obstetrics and of the Diseases of Women and Children.

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THOMAS M. CHATARD, S.B.,

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MISS J. BEDLOCK,
Principal of Girls' Charity School.

MISS M. WALLACE and Miss M. BEDLOCK,
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RANDAL MORGAN,	do.	do.
JOSEPH SEAL NEFF,	do.	Philadelphia.
RUDOLPH LEE NEFF,	do.	do.
ALEXANDER BLACK PORTER,	Pennsylvania.	Philadelphia.
ROBERT MEADE SMITH,	do.	do.
WALTER GEORGE SMITH,	Ohio.	Cincinnati.
THEOPHILUS BAKER STORK,	Pennsylvania.	Philadelphia.
HARRY REDWOOD WHARTON,	do.	Montgomery Co.
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JAMES LOGAN FISHER,	Pennsylvania.	Branchtown P. O., Phila.
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HENRY PLEASANTS, JR.,	do.	Radnor, Delaware Co.

SENIORS, 26.

* The Catalogue includes the names of Students in College from the beginning of the College year

† Belonging to the Old Scientific Course formed previous to the establishment of the Department of Science.

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EDWARD DILLON,	do.	do.
CHRISTIAN GODFREY FISCHER,	do.	do.
MILLARD FILMORE FRISHMUTH,	do.	do.
JOSEPH DE FOREST JUNKIN,	do.	do.
MARTIN LUTHER KOHLER,	do.	Trappe, Montgomery Co.
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JUNIORS, 21.

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FRANK EYRE,	do.	Philadelphia.
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FRANCIS INNES GOWEN,	do.	do.
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MARCUS ELEAZAR LAM,	do.	do.

DAVID LEVI,	Pennsylvania.	Philadelphia.
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WALTER SHELTON MASSEY	do.	do.
DANIEL JOHN MILTON MILLER,	do.	Frankfort.
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SOPHOMORES, 25.

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FRESHMEN, 16.

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WILLIAM LUDWIG KNEEDLER,	do.	Chestnut Hill.

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GEORGE NORRIS PEPPER,	do.	do.
WILLIAM GEORGE WARE,	Rhode Island.	Providence.
		PARTIAL STUDENTS, 11.

DEPARTMENT OF ARTS.

RECAPITULATION.

SENIORS	23
JUNIORS	17
SOPHOMORES	25
FRESHMEN	16
TOTAL	81
SCIENTIFIC STUDENTS IN THE DEPARTMENT OF ARTS	7
PARTIAL COURSES	11
TOTAL MATRICULATES IN THE DEPARTMENT OF ARTS,	99

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HORACE RUPERT STEPHENS,	do.	Norristown.
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SIDNEY WASHINGTON KEITH,	do.	do.
ADOLPH ZAISS,	do.	do.

DEPARTMENT OF SCIENCE.

RECAPITULATION.

SENIORS	8
JUNIORS	9
SOPHOMORES	21
FRESHMEN	45
SPECIAL AND PARTIAL COURSES	15
TOTAL	98

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 HUGH L. HODGE, M.D., LL.D., *Emeritus Professor of Obstetrics and the Diseases of Women and Children.*
 HENRY H. SMITH, M.D., *Emeritus Professor of Surgery.*

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 ROBERT E. ROGERS, M.D., *Professor of Chemistry.*
 JOSEPH LEIDY, M.D., LL.D., *Professor of Anatomy.*
 FRANCIS G. SMITH, M.D., *Professor of Institutes of Medicine.*
 RICHARD A. F. PENROSE, M.D., *Professor of Obstetrics and the Diseases of Women and Children.*
 ALFRED STILLÉ, M.D., *Professor of Theory and Practice of Medicine, and of Clinical Medicine.*
 D. HAYES AGNEW, M.D., *Professor of Surgery.*
 H. LENOX HODGE, M.D., *Demonstrator of Anatomy.*

R. E. ROGERS, *Dean.*

W. H. SALVADOR, Janitor Medical Department University of Pa.

*** Alumni of the Medical Department of the University, and others who desire to receive the Catalogue and Announcement, are requested to send their addresses to the Dean, P. O. Box 2838, Philadelphia.

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ANDREWS, REUBEN H.	Pennsylvania.	J. C. Klingerman.
ASHERIDGE, RICHARD, JR.	Pennsylvania.	Wm. Ashbridge.
ASH, J. FRANK	Pennsylvania.	Adolph W. Miller.
AUSTIN, SAMUEL H. (M.D.)	West Virginia.	Med. Coll. of Virginia.
AYRES, SAMUEL J.	Pennsylvania.	John Martin.
BAGG, JOHN S.	Massachusetts.	H. Lenox Hodge.
BAHNSON, HENRY T. (M.D.)	North Carolina.	

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BELFORD, CHARLES S.	Pennsylvania.	R. Leonard.
BELL, WILLIAM A.	Virginia.	W. S. Love.
BENHAM, ARTHUR	New York.	R. T. Trall.
BERENS, JOSEPH	Pennsylvania.	Wm. Goodell & Associates.
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BICKEL, A. STONE, (M.D.)	Pennsylvania.	
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BIRCKS, JACOB B.	Pennsylvania.	E. I. Santee.
BIRKEY, ISAAC M. (M.D.)	Pennsylvania.	
BOCKIUS, S. ATLEE (M.D.)	Pennsylvania.	[wagen.
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BRAYMAN, LORENZO E. (M.D.)	Ohio.	O. T. Trimmer.
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BRINTON, WILLIAM B. (M.D.)	Pennsylvania.	
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BRODHEAD, CICERO	Pennsylvania.	Geo. M. Ward.
BRUEN, EDWARD TUNIS	Pennsylvania.	Wm. Pepper.
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CAMERON, SYLVESTER B.	Pennsylvania.	Oliver P. Rex.
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CARTER, HERBERT R.	New Brunswick.	Daniel Hennessey.
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COOVER, FREDERICK W.	Pennsylvania.	G. L. & J. M. Shearer.
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DAVIDSON, DAVID (M.D.)	Pennsylvania.	
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DEPPEN, J. FRANCIS	Pennsylvania.	D. D. Deppen & F. G. Smith.
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DICKINSON, GRANVILLE E.	Maryland.	S. S. Quinn.
DIEHL, MAHLON	Pennsylvania.	S. S. Apple.
DILLMAN, J. WALTER (M.D.)	Missouri.	
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EARLY, JOHN A.	Pennsylvania.	J. P. Seiler.
EDWARDS, JOSEPH F.	Pennsylvania.	W. F. Atlee.
EISENBERG, PHILIP Y.	Pennsylvania.	L. W. Read.
ELLIS, GUILHERME	Brazil, S. A.	R. Valdivieso.
ERSKINE, STERLING	Pennsylvania.	H. E. Dwight.
ESSIG, HENRY, JR.	Missouri.	H. & N. Fred Essig.
ESTRAZULAS, HENRY M.	Uruguay, S. A.	H. Lenox Hodge.
EVERTON, JAMES S.	Pennsylvania.	James Simpson.
EYSTER, GEORGE L.	Pennsylvania.	H. Earnest Goodman.
FARROW, EDWIN D.	Missouri.	R. D. King.
FELL, JOHN ADAMS	Pennsylvania.	Joseph Foulke.
FELTY, JOHN C.	Pennsylvania.	Robert Horner.
FINNEY, WILLIAM F.	Pennsylvania.	I. N. Evans.
FISHER, HENRY MIDDLETON	Pennsylvania.	Horace B. Hare.
FOGLE, SOLON C. B.	Pennsylvania.	H. J. Haberacker.
FREDERICKS, CHARLES (M.D.)	Pennsylvania.	
FREEMAN, EDWARD J.	Pennsylvania.	C. C. Field & G. W. Freeman.

NAME.	STATE.	PRECEPTOR.
FRETZ, ABRAHAM N. (M.D.)	Pennsylvania.	
FROWERT, CHARLES G.	Pennsylvania.	Francis L. Haynes.
FUQUA, ADELBERT L. (M.D.)	Tennessee.	
GAMBLE, WILLIAM	Connecticut.	C. T. Hunter & Associates.
GARLOCK, FRANKLIN R. (M.D.)	New York.	
GIBBONS, RICHARD H.	Pennsylvania.	Wm. H. Reed.
GILTNER, WILLIAM PARIS D.	Oregon.	Morton & Giltner.
GINGRICH, AARON B.	West Virginia.	J. A. Stehley.
GIRVIN, EDWIN R.	Pennsylvania.	R. M. Girvin.
GLASS, GEORGE E.	Delaware.	Swithen Chandler.
GOESSLING, FREDERICK	Pennsylvania.	
GOLDSBOROUGH, CHARLES B.	New Jersey.	Joseph Carson.
GOOD, J. WINFIELD	Pennsylvania.	S. M. Meredith.
GRAY, M. DWIGHT	Pennsylvania.	J. H. Gray.
GREWER, EDWARD	Delaware.	T. H. Green.
GRIFFEE, HOWARD M.	Pennsylvania.	Mayhew Johnson.
GUITÉRAS, DANIEL M.	Cuba.	Wm. Pepper.
GUITÉRAS, JUAN	Cuba.	
GULLEDGE, REUBEN W.	Mississippi.	B. W. Moore.
GUTH, NATHANIEL C. E.	Pennsylvania.	A. P. Fetherolf.
GUTHRIE, GEORGE W.	Pennsylvania.	E. R. Mayer.
HABERACKER, EUGENE O. M. (M.D.)	Pennsylvania.	
HABERACKER, HENRY J. (M.D.)	Pennsylvania.	
HAGERMAN, JOHN A.	Pennsylvania.	N. C. Miller.
HALL, JOHN H. (M.D.)	Missouri.	
HALL, LYCORTAS B.	Vermont.	E. E. Phelps.
HALLUM, EDWARD J.	Texas.	R. A. Hallum.
HAND, FRANCIS C.	Pennsylvania.	Geo. R. Morehouse.
HARVEY, OLIN F.	Pennsylvania.	J. A. Murphy & J. T. Rothrock.
HAWKES, WILLIAM H.	Massachusetts.	Wm. W. Keen.
HAYNES, FRANCIS L. (M.D.)	Pennsylvania.	
HAYNES, JOHN R.	Pennsylvania.	F. L. Haynes.
HAYS, JOHN BERTRAND.	New Jersey.	McLean Forman & F. Gauntt.
HAZARD, ALEXANDER (M.D.)	Pennsylvania.	
HEALY, JOHN J. (M.D.)	Pennsylvania.	
HECK, WILLIAM H.	Pennsylvania.	D. W. Bashore.
HECKERT, CALVIN J.	Pennsylvania.	W. C. Smith.
HEENAN, THOMAS C. (M.D.)	Pennsylvania.	
HEILMAN, ISRAEL	Pennsylvania.	A. P. Fetherolf.
HENKEL, MILLER A.	Virginia.	S. P. C. & C. C. Henkel.
HINTON, RUFUS K. (M.D.)	Mississippi.	

NAME.	STATE.	PRECEPTOR.
HOCKER, DAVID R.	Pennsylvania.	E. J. Putt.
HOFF, LAWRENCE B. (M.D.)	Pennsylvania.	
HOFFMAN, DAVID S.	Pennsylvania.	W. Murray Weidman.
HOLBROOK, CHARLES N. (M.D.)	Pennsylvania.	
HOLLINGER, WILSON F.	Pennsylvania.	David Gochnauer.
HOOT, JAMES P.	Pennsylvania.	M. R. Knapp & A. G. B. Hinkle.
HOPKINS, WILLIAM BARTON	Pennsylvania.	Thos. Geo. Morton.
HORSTMANN, HENRY F.	Pennsylvania.	Wm. Pepper.
HOUCK, JESSE H.	Pennsylvania.	Emanuel Melhorn.
HOUSKEEPER, FRANK P.	Pennsylvania.	H. Lenox Hodge.
HUFF, CHARLES WRIGHTS	Pennsylvania.	E. T. Kamerly.
HUGHES, WILLIAM L. T.	Pennsylvania.	Wm. Watson.
HUMPHREY, ROBERT S.	Pennsylvania.	C. H. Humphrey.
HUNTER, JOHN A. (M.D.)	West Virginia. [†]	
HUNTER, JOSEPH C.	Iowa.	Samuel Knox.
HUTCHISON, FRANK P.	Pennsylvania.	D. W. Hutchison.
HUTT, WILLIAM H. (M.D.)	Pennsylvania [†]	
HYSKELL, WILLIAM D.	Pennsylvania.	J. M. Smith.
IVISON, JOHN	Pennsylvania.	J. J. Sowerby.
JACOBS, GEORGE L.	Pennsylvania.	
JACOBS, HORACE H.	Pennsylvania.	L. S. Filbert.
JACOBS, WILLIAM A.	Pennsylvania.	C. P. W. Fisher.
JAMES, EDWIN E.	Pennsylvania.	Geo. H. Larison.
JECKELL, EDWARD.	England.	
JEFFERIS, T. NORVAL	Pennsylvania.	J. H. Worthington.
JOHNSON, JOSEPH H.	Pennsylvania.	J. P. Agnew.
JOHNSTON, JAMES C.	Pennsylvania.	C. D. Gloninger.
JORDAN, JAMES BASCOM	Virginia.	University of Virginia.
JONES, WILLIAM F.	Virginia.	Walter F. Jones.
JUSTIN, JOEL G.	Rhode Island.	E. J. Holcombe.
KEATING, JOHN M.	Pennsylvania.	Wm. Pepper.
KEEDY, SAMUEL H.	Maryland.	
KERR, GEORGE (M.D.)	Pennsylvania.	
KIMBROUGH, GEORGE (M.D.)	North Carolina.	
KIRKBRIDE, M. FRANK	Pennsylvania.	Thos. G. Morton.
KLAPP, WILLIAM HENRY	Pennsylvania.	Francis G. Smith.
KLINE, JAMES Y.	Pennsylvania.	I. M. Groff.
KLINE, WILLOUGHBY C. (M.D.)	Pennsylvania.	
KNOWLES, SAMUEL E.	California.	

NAME.	STATE.	PRECEPTOR.
KOHLER, JOHN B.	Pennsylvania.	J. W. Royer.
KOSER, SIMON S.	Pennsylvania.	A. Stewart.
KYLE, EDMOND H.	Pennsylvania.	John Barber.
LALOR, WILLIAM S. (M.D.)	New Jersey.	
LAMB, WALTER	New Jersey.	T. G. Morton.
LAMSON, GEORGE H.	France.	University of Paris.
LAUTENBACH, BENJ. FRANKLIN	Pennsylvania.	Theo. A. Demmé.
LAWS, GEORGE C. (M.D.)	New Jersey.	
LESH, MATTHEW GEORGE	Pennsylvania.	J. H. Lesh.
LESLIE, CYRUS H.	Pennsylvania.	B. H. Leslie.
LESLIE, DANIEL H.	Kansas.	A. B. Heisey.
LEWIS, BENAIAH L.	Delaware.	Walter Melvin.
LEWIS, D. OLDHAM	Pennsylvania.	H. Lenox Hodge.
LEWIS, MORRIS J.	Pennsylvania.	Wm. Pepper.
LEWIS, WALTER H.	Indiana.	O. W. Brownback.
LEYDA, ISAAC N.	Pennsylvania.	J. Harvey Leyda.
LILLY, SAMUEL (M.D.)	New Jersey.	
LINN, GEORGE WILDS, (M.D.)	Pennsylvania.	
LIVINGOOD, JOHN R.	Illinois.	M. T. Livingood.
LOEB, HERMAN N.	Chili.	Chas. Silsbee.
LONGENECKER, JEROME (M.D.)	Pennsylvania.	
LOOSE, CYRUS A.	Pennsylvania.	Horace De Young.
MACFARLANE, ANDREW	Pennsylvania.	R. G. Curtin.
MARTIN, EDWIN M.	Pennsylvania.	John Martin.
MARTIN, GEORGE	New York.	J. F. Whitbeck.
MARTIN, HENRY (M.D.)	U. S. Navy.	
MASTIN, WILLIAM McD.	Alabama.	C. H. Mastin. [& Associates.
MATTESON, CHARLES C.	Illinois.	Thos. S. Bond, & Wm. Goodell
MAYEDA, KEN KICHE	Japan.	A. S. Ashmead, Jr.
MAYO, PEYTON H. (M.D.)	North Carolina.	
MEARNS, JAMES A.	Maryland.	James Turner.
MEIGS, WILLIAM M.	Pennsylvania.	J. H. Hutchinson.
MELLINGER, JAMES M.	Pennsylvania.	
MERRILL, JAMES C.	Massachusetts.	James Tyson & Associates.
METCALFE, RICHARD J.	Nova Scotia.	J. C. Moore & Cove.
METZGER, WILLIAM E.	Pennsylvania.	G. W. Metzger.
MILLER, CHARLES K. I.	Pennsylvania.	R. M. Girvin.
MINNICH, FRANK J. A.	Pennsylvania.	Daniel Yoder.
MORRIS, FLORILLO B.	Pennsylvania.	

NAME.	STATE.	PRECEPTOR.
MOWRY, WILLIAM B.	Pennsylvania.	R. B. Mowry & H. Lenox
MORRIS, SPENCER (M.D.)	Pennsylvania.	[Hodge.
MCAULEY, JAMES A.	Pennsylvania.	Joseph Carson.
MCBRIDE, WILLIAM R.	New Brunswick.	Nathan Tupper.
MCCALLY, ARCHIE	Alabama.	University of Virginia.
MCCLEAN, WILLIAM J.	Pennsylvania.	
MCDANIEL, JOSEPH H.	Texas.	A. D. Boggs.
MCDONALD, ABRAHAM A.	Minnesota.	Goodrich & Kimball.
MCGUFFIN, RICHARD M. J. (M.D.)	West Virginia.	
MCINTIRE, CHARLES, JR.	Pennsylvania.	Traill Green.
McKELVEY, CHARLES E.	New York.	J. F. Whitbeck.
McKELVY, WILLIAM, JR.	Pennsylvania.	J. K. Robbins.
McKENNAN, HENRY S.	Pennsylvania.	Thos. McKennan.
McKIBBEN, WILLIAM LEE (M.D.)	Pennsylvania.	
McLEAN, JAMES R.	Nova Scotia.	Thos. W. Taylor.
NEILL, HOLLINSWORTH	Pennsylvania.	Jno. Neill.
NEVIN, JOSEPH P.	Pennsylvania.	W. W. Nevin.
NEWELL, J. FRANK	North Carolina.	J. W. McGee.
NICKERSON, LEVIN H. A.	Delaware.	W. M. Nickerson.
NUNNEMAKER, HENRY B. (M.D.)	Ohio.	
OGDEN, JAMES A.	Pennsylvania.	
OHLY, AUGUSTE	Ohio.	A. H. Boyer.
OTT, JOHN JACOB	Pennsylvania.	Isaac S. Moyer.
PAINTER, FRANCIS C.	Virginia.	T. L. Painter.
PARK, JOHN B.	New Jersey.	Wm. Pennington.
PARKER, GEORGE A.	New Jersey.	J. W. Woolverton.
PARRISH, S. FRANKLIN	Pennsylvania.	Wm. Hunt.
PAXSON, JOSEPH A. (M.D.)	Pennsylvania.	
PEARSON, JOHN S.	Pennsylvania.	D. D. Richardson.
PEIRCE, CYRUS N.	Pennsylvania.	W. F. Litch.
PENNEBAKER, BENJAMIN	Pennsylvania.	Philip Leidy.
PERDUE, WILLIAM R.	Pennsylvania.	J. H. Stubbs.
PERKINS, FRANCIS M.	Pennsylvania.	H. Lenox Hodge.
PHILLIPS, WILLIAM LATTA	Pennsylvania.	Wm. S. Latta.
PILLOW, ROBERT	Tennessee.	A. L. Pillow.
PLATT, FRED. P. HARPER	New York.	James K. Johnson.
POPE, LEWIS E.	Tennessee.	Wm. V. Taylor.
PORTEUS, JAMES S.	Pennsylvania.	B. A. Bouton.
PRIESTLEY, JAMES T.	Pennsylvania.	Joseph Priestley.
PURSELL, PETER H. (M.D.)	Pennsylvania.	

NAME.	STATE.	PRECEPTOR.
PUTT, MAURICE O.	Pennsylvania.	E. J. Putt.
PYLE, E. WOLLASTON	Pennsylvania.	D. M. Barr.
QUAINTANCE, OSCAR R.	Virginia.	Thos. B. Amiss.
RADEBAUGH, JOHN M.	Pennsylvania.	R. Horner & W. Pepper.
RALSTON, DAVID, JR.	Pennsylvania.	A. J. Herman.
RAMIREZ, FRANK	Cuba.	Wm. Pepper.
RAMIREZ, RAFAEL	Cuba.	Wm. Pepper.
RANSLEY, ALEXANDER W.	Pennsylvania.	W. A. Reed.
RANCK, CHARLES B. (M.D.)	Pennsylvania.	
RAUB, JOSEPH M.	New Jersey.	Jno. A. Raub.
READ, WILLIAM PRATT (M.D.)	Pennsylvania.	
REED, HENRY B.	Pennsylvania.	D. Hayes Agnew.
REILY, WILLIAM F.	Pennsylvania.	J. J. Zitzer.
REEMSNYDER, BYRON J.	Pennsylvania.	H. Reemsnyder.
REESE, CHARLES A.	Pennsylvania.	
REESE, DAVID J.	Pennsylvania.	D. D. Deppen.
RHEIN, BENJAMIN L.	New York.	M. L. Rhein.
RITZMAN, DANIEL C.	Pennsylvania.	A. J. Schoener.
ROCKWELL, LA RUE D.	Pennsylvania.	A. P. Waid.
ROCKWELL, OSCAR H.	Pennsylvania.	D. N. Newton.
ROGERS, FRANCIS J.	Rhode Island.	H. C. Wood, Jr.
ROGERS, THOMAS C. (M.D.)	Delaware.	
ROMAN, SAMUEL T. (M.D.)	Maryland.	
RUDDEROW, BENJAMIN JANNEY	Pennsylvania.	L. S. Bolles.
RUSH, WILLIAM H.	Pennsylvania.	Geo. M. Ward.
SALINAS, V. GONZALEZ	Mexico.	Wm Pepper.
SCHENCK, JOHN G.	New Jersey.	J. H. Wikoff.
SCHOLFIELD, NEWLIN	Pennsylvania.	R. E. Rogers.
SCOTT, JOHN MCPHERSON	Maryland.	Norman B. Scott.
SEESE, SAMUEL P.	Pennsylvania.	B. K. Johnson.
SEHIBBYE, WILLIAM L.	Pennsylvania.	J. H. McQuillen.
SEIBERT, WILLIAM H.	Pennsylvania.	J. H. Röebuck.
SEIPLE, SAMUEL C. (M.D.)	Pennsylvania.	
SHACKELFORD, ROBERT B. (M.D.)	Virginia.	
SHERK, LEVI A.	Pennsylvania.	J. C. Cooper.
SHERWOOD, ALFRED C.	Pennsylvania.	H. R. Terry.
SHILLING, GEORGE W.	Pennsylvania.	James & Barber.
SIBBETT, ROBERT LOWRY (M.D.)	Pennsylvania.	
SIMPSON, ROBERT	Pennsylvania.	Herman B. Linton.

NAME.	STATE.	PRECEPTOR.
SKINNER, WILLIAM O.	Pennsylvania.	T. H. Walker.
SMITH, CHARLES H. (M.D.)	Pennsylvania.	
SMITH, HARRY AUGUSTUS	Pennsylvania.	J. J. Sowerby.
SMITH, HOWARD (M.D.)	U. S. Navy.	
SNYDER, W. PRESTON	Pennsylvania.	F. W. Heckel.
SOWERBY, JOSEPH J. (M.D.)	New Jersey.	
SPENCER, ROBERT B.	Pennsylvania.	R. Moffett.
SPRINGER, WILLARD	Delaware.	Traill Green.
STACY, ALEXANDER	Mississippi.	
STANLY, GEORGE D.	Pennsylvania.	Traill Green.
STANGER, SAMUEL F.	New Jersey.	H. Lenox Hodge.
STARP, LOUIS (M.D.)	Pennsylvania.	
STATLER, JAMES B.	Pennsylvania.	Samuel G. Statler.
STEELE, JOHN M.	Maryland.	D. Murray Cheston.
STEEL, FRANCIS C.	Pennsylvania.	M. B. Strickler.
STEELMAN, JESSE A.	New Jersey.	E. H. Madden.
STELWAGON, HARRY W.	Pennsylvania.	T. G. Morton.
STEPHENSON, FRANKLIN B.	Pennsylvania.	David Best.
STILES, EDWARD, JR. (M.D.)	Pennsylvania.	
STILES, WILLIAM, JR.	Pennsylvania.	R. E. Rogers.
STILLWELL, WALTER C.	Pennsylvania.	A. C. Deakynne.
SIROUP, GEORGE H.	Pennsylvania.	John Baker.
STROUP, WILSON W.	Pennsylvania.	N. W. Stroup.
STUMP, GEORGE M.	Maryland.	J. M. Magraw.
STYER, CHARLES (M.D.)	U. S. Army.	
TAYLOR, JOHN L. H.	Tennessee.	Wm. V. Taylor.
THOMAS, OTHO W.	Pennsylvania.	Emanuel Melhorn.
THOMPSON, THOMAS D.	Pennsylvania.	L. H. Thompson.
TOBOLDT, ALBERT L. A.	Pennsylvania.	Scott Stewart.
TODD, FERDINAND	Pennsylvania.	W. W. Jamison.
TOWNSEND, HENRY	Pennsylvania.	Geo. M. Ward.
TRAVIS, HARVEY J.	New York.	S. S. Streets.
TRUMAN, THADDEUS F.	New York.	Joshua J. Sweet.
TURNER, ALEXANDER EDWIN	North Carolina.	Benj. F. Mebane.
VAN ETTEN, CORNELIUS S.	Pennsylvania.	Vincent Emerson.
VAN RENSSELAER, ALEXANDER	New Jersey.	L. Van Rensselaer.
VAN SICKLE, LEWIS	Pennsylvania.	
VEATCH, NICHOLAS S.	Pennsylvania.	
VERNON, GEORGE R.	Pennsylvania.	J. McK. Kemp.
VOGLER, GEORGE W.	Pennsylvania.	J. M. Boisnot.
VOLLMER, ULRICH W.	Pennsylvania.	A. Frické.

NAME.	STATE.	PRECEPTOR.
WALES, THERON AUGUSTUS	New York.	C. H. Thomas.
WALKER, JOHN T.	Pennsylvania.	John Jackson.
WALKER, SAMUEL M.	Pennsylvania.	J. T. Christy.
WALSH, JOHN FRANCIS	New Jersey.	W. W. Keen.
WATSON, JAMES F.	Kentucky.	J. A. Reed.
WEAVER, JOHN H.	Pennsylvania.	Wm. M. Findley.
WELDIN, CHARLES E. (M.D.)	Delaware.	
WELLS, ROBERT M.	Pennsylvania.	W. H. Phillips.
WHALAND, CHARLES W.	Maryland.	Thos. H. Whaland.
WHELEN, ALFRED	Pennsylvania.	J. H. Brinton.
WHITAKER, BENJAMIN R. (M.D.)	Pennsylvania.	
WHITE, JAMES W.	Pennsylvania.	H. C. Wood, Jr.
WHISTLER, SIMON M.	Pennsylvania.	
WILLARD, ROLAND	New Jersey.	J. Stevenson.
WILLIAMS, ARTHUR	Maryland.	Wm. P. Bird.
WILLIAMS, BRADY O.	West Virginia.	R. H. & J. Cummins
WILLIAMS, FRANK H.	Pennsylvania.	Jos. A. Paxson.
WILLIAMS, JOHN M.	Virginia.	Benj. Williams.
WING, EDGAR D.	Missouri.	H. K. & C. G. Jones
WING, THEODORE T.	Pennsylvania.	Samuel Birdsall.
WITHERS, HOWARD H.	Pennsylvania.	M. M. Withers.
WOOD, M. ALLEN	Pennsylvania.	A. Pursell.
WOODRUFF, ALPHEUS B.	New Jersey.	J. Barron Potter
WOODS, MATTHEW	Pennsylvania.	James Collins.
WOODWARD, CHARLES E.	Pennsylvania.	N. Y. Leet.
WOLF, SAMUEL, JR.	Pennsylvania.	Harvey Kratz.
WYTHE, WILLIAM T. (M.D.)	California.	J. H. Wythe.
YOCUM, BENJAMIN B. (M.D.)	Pennsylvania.	
YORGEY, LEWIS C. B.	Pennsylvania.	John Todd.
YOUNG, PETER C.	New Jersey.	Cicero Hunt.
ZEIGLER, GEORGE WINFIELD	Pennsylvania.	A. J. Herman.
ZIEGLER, WALTER M. L.	Pennsylvania.	J. L. Ziegler.

Of the foregoing there were from—

Alabama	1	Missouri	5
Brazil	1	New Brunswick	3
California	3	New Jersey	24
Chili	1	New York	11
Connecticut	1	North Carolina	8
Cuba	4	Nova Scotia	2
Delaware	10	Ohio	3
England	1	Oregon	1
France	1	Pennsylvania	227
Illinois	3	Rhode Island	2
Indiana	1	Tennessee	4
Iowa	1	Texas	2
Japan	1	Uruguay	1
Kansas	1	United States Army	2
Kentucky	1	United States Navy	2
Maryland	10	Vermont	1
Massachusetts	3	Virginia	9
Mexico	1	West Virginia	5
Minnesota	1		
Mississippi	3	Total	361

MATRICULATES AUXILIARY COURSE OF MEDICINE, 1872.

NAME.	RESIDENCE.	STATE.
BAGG, JOHN S.	West Springfield,	Massachusetts.
BASS, H. T.	Scotland Neck,	North Carolina.
BAUER, LOUIS G. (M.D.)	Philadelphia,	Pennsylvania.
BELFORD, CHAS. S.	Mauch Chunk,	Pennsylvania.
BERNARDY, EUG. P. (M.D.)	Philadelphia,	Pennsylvania.
BIRCKS, J. B.	Philadelphia,	Pennsylvania.
BOWEN, GEO. W.	Hatboro',	Pennsylvania.
BRUEN, EDWARD T.	Philadelphia,	Pennsylvania.
BURROUGHS, EDMUND Y. (M.D.)	Philadelphia,	Pennsylvania.
CHURCH, WM. F. (M.D.)		Pennsylvania.
CLEMENS, ALONZO W.	Philadelphia,	Pennsylvania.
DAVIDSON, D. (M.D.)	Philadelphia,	Pennsylvania.
DEAVER, R. WILMOT	Buck, Lan. Co.,	Pennsylvania.
DIXON, GEO. B. (M.D.)	Philadelphia,	Pennsylvania.
DUNCAN, JOHN N.	N. Middlesex,	Pennsylvania.
EDWARDS, JOS. F.	Philadelphia,	Pennsylvania.
ELLIS, GUILHERME	S. Paulo,	Brazil.
ERSKINE, STIRLING	Philadelphia,	Pennsylvania.
ESSIG, N. FRED (M.D.)	Plattsburg,	Missouri.
ESTRAZULAS, HENRY M.	Montevideo,	Uruguay.
EVERTON, JAS. S.	Philadelphia,	Pennsylvania.
FINCK, A. R.	Philadelphia,	Pennsylvania.
FINLEY, J. ALEX. (M.D.)	Philadelphia,	Pennsylvania.
FUQUA, ADELBERT L. (M.D.)	Nashville,	Tennessee.
FULLENWIDER, AUS. L.	Kossuth,	Iowa.
GILTNER, W. P. D.	Portland.	Oregon.
GUIÉTERAS, DANIEL M.	Matánzas.	Cuba.
GUIÉTERAS, JOHN	Matánzas,	Cuba.
ALL, L. B.		Vermont.
HAND, FRANK C.	Philadelphia,	Pennsylvania.
HARRISON, WM. D.	Philadelphia,	Pennsylvania.
HARRIS, WM. H. (M.D.)	Chestertown,	Maryland.

NAME.	RESIDENCE.	STATE.
HARTMANN, LOUIS P.	Philadelphia,	Pennsylvania.
HAWKES, WM. H.	Vineyard Haven,	Massachusetts.
HAYNES, J. RANDOLPH	Philadelphia,	Pennsylvania.
HAYS, JOHN B.	Burlington,	New Jersey.
HEALY, JOHN J. (M.D.)	Douglassville,	Pennsylvania.
HOFF, LAURENCE B. (M.D.)	Philadelphia,	Pennsylvania.
HOLBROOK, CHAS. N. (M.D.)	Philadelphia,	Pennsylvania.
HONEYMAN, JNO. C.	N. Germantown,	New Jersey.
HOOT, JAS. P.	North Wales,	Pennsylvania.
HOPKINS, WM. BARTON	Philadelphia,	Pennsylvania.
HORSTMANN, HENRY F.	Philadelphia,	Pennsylvania.
HOUSKEEPER, FRANK	Philadelphia,	Pennsylvania.
HUNTER, THOMAS (M.D.)	Philadelphia,	Pennsylvania.
HUTT, WILLIAM H. (M.D.)	Philadelphia,	Pennsylvania.
JACOBS, HORACE H.	Wrightsville,	Pennsylvania.
JERMAN, N. T., JR.	Holmesburg,	Delaware.
JOHNSON, J. H.	Dolington,	Pennsylvania.
KEATING, JOHN M.	Philadelphia,	Pennsylvania.
KERR, GEORGE (M.D.)	Philadelphia,	Pennsylvania.
KIRKBRIDE, M. FRANK	Philadelphia,	Pennsylvania.
LAWS, GEO. C. (M.D.)	Paulsboro',	New Jersey.
LEEDOM, OSCAR (M.D.)	Plymouth Meeting,	Pennsylvania.
LEWIS, MORRIS J.	Philadelphia,	Pennsylvania.
LINN, G. WILDS (M.D.)	Philadelphia,	Pennsylvania.
LONGENECKER, JEROME (M.D.)	Philadelphia,	Pennsylvania.
MARMION, ROBT. (M.D.)	U. S. Navy.	
MCDONALD, R. R.	Minneapolis,	Minnesota.
McKIBBIN, WM. LEE	Buck Valley,	Pennsylvania.
MERKLIN, C. H. (M.D.)	Philadelphia,	Pennsylvania.
MERRILL, JAMES C.	Boston,	Massachusetts.
MILLER, ADOLPH W. (M.D.)	Philadelphia,	Pennsylvania.
MILLER, CHAS. K. I. (A.B.)	Philadelphia,	Pennsylvania.
MINNICH, FRANK J. A.	Catasauqua,	Pennsylvania.
MORGAN, RANDAL W. (M.D.)	Camden,	New Jersey.
MORRIS, SPENCER (M.D.)		Pennsylvania.
MOWRY, W. B.	Alleghany City,	Pennsylvania.
MUHLENBERG, WM. (M.D.)	Reading,	Pennsylvania.
NEILL, HOLLINGSWORTH	Philadelphia,	Pennsylvania.

NAME.	RESIDENCE.	STATE.
OGDEN, JAS. A.	Philadelphia,	Pennsylvania.
O'NEILL, JNO. J. (M.D.)	Philadelphia,	Pennsylvania.
PAXSON, J. A.	Buckingham,	Pennsylvania.
PELTZ, B. R. (M.D.)	Roxborough,	Pennsylvania.
PLATT, F. P. HARPER	Brooklyn,	New York.
RADEBAUGH, J. M.	Gettysburg,	Pennsylvania.
RANCK, CHAS. B.	Philadelphia,	Pennsylvania.
RANCK, JNO. W. (M.D.)	Philadelphia,	Pennsylvania.
READ, WM. PRATT (M.D.)	Philadelphia,	Pennsylvania.
REA, JAMES C. (M.D.)	Pittsburgh,	Pennsylvania.
ROBBINS, J. W. (M.D.)	Philadelphia,	Pennsylvania.
ROGERS, FRANK J.	Warren,	Rhode Island.
RUSH, WILLIAM H.	Philadelphia,	Pennsylvania.
SALINAS, V. GONZALEZ	Monclova,	Mexico.
SCHOLFIELD, N.	Philadelphia,	Pennsylvania.
SEWALL, CHAS. A. (M.D.)	Philadelphia,	Pennsylvania.
SLIFER, L. K. (M.D.)	Philadelphia,	Pennsylvania.
SMITH, T. SOZINSKI (M.D.)	Philadelphia,	Pennsylvania.
STANGER, SAML. F.	Glassboro',	New Jersey.
STEPHENSON, F. B.	Philadelphia,	Pennsylvania.
STILLWELL, WALTER C.	Philadelphia,	Pennsylvania.
THOMPSON, THOS. D.	Lyons Station,	Pennsylvania.
TOBOLDT, A. L. A.	Philadelphia,	Pennsylvania.
TOWNSEND, STEPHEN (M.D.)	Philadelphia,	Pennsylvania.
TRUMAN, T. F.	Butternuts,	New York.
VALDIVIESO, RODOLFO (M.D.)	Santiago,	Chili, S. A.
VAN RENSSELAER, A.	Burlington,	New Jersey.
WALKER, JAMES B. (M.D.)	Philadelphia Hospital,	Pennsylvania.
WALKER, JOHN T.	Philadelphia,	Pennsylvania.
WELDIN, CHAS. E. (M.D.)	Newport,	Delaware.
WHELEN, ALFRED	Philadelphia,	Pennsylvania.
WING, THEO. T. (A.M.)	Philadelphia,	Pennsylvania.

TOTAL, 102.

LAW DEPARTMENT.

FACULTY.

P. P. MORRIS, A.M., *Professor of Practice, Pleading, and Evidence at Law and in Equity.*

HON. J. I. CLARK HARE, LL.D., *Professor of the Institutes of Law, including, inter alia, International, Constitutional, Commercial, and Civil Law.*

E. COPPÉE MITCHELL, A.M., *Lecturer on the Law of Real Estate and Conveyancing, and Equity Jurisprudence.*

NAME.	PRECEPTOR.	RESIDENCE.
ALCORN, JAMES	G. D. Budd.	Philadelphia.
BAILEY, J. W.		Allegheny County, Pa.
BAIRD, R. LOPER	Peter McCall.	Philadelphia.
BARR, WM. J.	E. C. Mitchell.	"
BOYLE, J. PEYTON	E. C. Mitchell.	"
BRAGG, WM.		"
BROWN, EUGENE A.	Wm. L. Brown.	"
BURROUGHS, JOSEPH H.	J. S. Price.	"
CARSON, HAMPTON L., JR.	Wm. M. Tilghman.	"
CARVER, CHARLES	P. P. Morris.	"
CARVER, W. H. H.		"
CLARK, JAMES E.	Marcellus Miller.	"
CLAY, RICHARD W.	Joseph A. Clay.	"
COPE, JAMES BIDDLE	P. P. Morris.	"
DENWORTH, JAMES B.	C. T. Collis.	"
DOUGLASS, ALONZO P.	John M. Collins.	"
DUBOIS, H. D.	Jos. L. Caven.	"
FAUNCE, BENJAMIN N.	C. S. Sidebotham.	"
GIBBONS, CHARLES J.	Charles Gibbons.	"
GOODWIN, HAROLD	E. S. Miller.	"
GREEN, J. K.	P. P. Morris.	"
GREEN, SAMUEL S.	W. Fred. Snyder.	"
GREGORY, WILLIAM M.	Joseph M. Pile.	"

NAME.	PRECEPTOR.	RESIDENCE.
HALDORN, GEO. A.	Robt. H. McGrath.	Philadelphia.
HANSON, SAMUEL P.		Norristown, Pa.
HARNED, THOMAS B.	C. T. Reed.	Camden, N. J.
HARRIS, HENRY G.	J. L. Shoemaker.	Philadelphia.
HOECKLEY, ALBERT H.		"
LEEDOM, JOS.	D. Webster.	"
McCAIN, J. H.		Armstrong County, Pa.
McCLEES, HARRY L.	Joseph A. Clay.	Philadelphia.
MEIGHAN, JOHN J.	H. S. Hagert.	"
MERCER, GEO. G.	Wm. H. Todd.	"
OHLEY, HERMAN	E. S. Miller.	"
OLMSTED, HENRY C	E. Olmsted.	"
O'NEILL, JOHN A.	Thos. R. Elcock.	"
PHILLIPS, ALFRED INGERSOLL	E. C. Mitchell.	"
PRICHARD, FRANK P.	A. M. Burton.	"
REMAK, STANISLAUS	G. Remak.	"
REX, WALTER E.	Frank Wolfe.	"
ROSE, DAVID S.	J. B. Hinkson.	Chester, Pa.
SIBBS, SAMUEL S.	J. H. Morris.	Philadelphia.
SIDDALL, JOHN EDWARD		"
SIDDALL, JOSEPH S.		"
SIMPERS, ROBERT N.	Chapman Biddle.	"
SINN, JOSEPH A.	G. H. Earle.	"
STEBBINS, CHAUNCEY	J. S. Price.	"
STEIN, CHARLES C.	F. Wolfe.	"
TINDEL, ADAM	D. Dougherty.	"
TOWNSEND, FRANK	H. C. Townsend.	"
TOWNSEND, JAMES P.	Jos. B. Townsend.	"
WILLIAMSON, WM. VON A.	Peter McCall.	"
WISTAR, DILLWYN	A. S. Letchworth.	"
ZANTZINGER, ERNEST	Geo. M. Conarroe.	"

TOTAL, 54.

GENERAL STATEMENT.

Instruction is given in the University of Pennsylvania in four different Departments, viz.:—

THE DEPARTMENT OF ARTS.

THE DEPARTMENT OF SCIENCE.

THE DEPARTMENT OF MEDICINE.

THE DEPARTMENT OF LAW.

BUILDING, APPARATUS, ETC.

THE Trustees of the University have erected for the accomodation of the Departments of Arts and of Science, one of the largest and most conveniently arranged college buildings in the country. It stands in a square containing more than six acres of ground, and is about two hundred and sixty feet front, by more than one hundred in depth. It was planned both with special reference to the greatly increased number of rooms required for the full development of that elective system of studies which has now become the settled policy in the Department of Arts, as well as for the purpose of affording every facility for teaching Science in its applications to the Arts. By reference to the annexed diagrams, it will be seen that more than forty large rooms, admirably lighted and ventilated, have been provided for the accommodation of the students in these two Departments. The Faculties are now full; the best means of illustrating the teaching have been provided; the Library has been increased; Cabinets of Mineralogy, Geology, and of Mechanical Models have been added; and other and extensive improvements are in contemplation, with a view of enlarging the scope and promoting the efficiency of both Departments.

The building was opened for the reception of students on the 16th of September, 1872, and was formally and publicly dedicated to its present use on the 11th of October.

I.

DEPARTMENT OF ARTS.

The Faculty of the Department of Arts is composed of the following members :

CHARLES J. STILLÉ, LL.D., Provost, and Professor of History and English Literature.

GEORGE ALLEN, LL.D., Professor of the Greek Language and Literature.

FRANCIS A. JACKSON, A.M., Professor of the Latin Language and Literature.

E. OTIS KENDALL, LL.D., Professor of Mathematics.

OSWALD SEIDENSTICKER, Ph.D., Professor of the German Language and Literature.

JOHN G. R. McELROY, A.M., Adjunct Professor of Greek and History.

REV. CHARLES P. KRAUTH, D.D., Professor of Intellectual and Moral Philosophy.

SAMUEL M. CLEVELAND, A.M., Professor of Rhetoric and Oratory.

REV. ROBERT E. THOMPSON, A.M., Assistant Professor of Mathematics.

PERSIFOR FRAZER, JR., A.M., Professor of Chemistry.

F. AMÉDÉE BRÉGY, A.M., Professor of the French Language and Literature.

GEORGE R. BARKER, M.D., Professor of Physics.

II.

TERMS OF ADMISSION.

1. To be admitted into the Freshman Class of the Department of Arts, a student must be at least fourteen years of age, and pass a satisfactory examination on the following subjects and authors:—*

ENGLISH.—Ancient and Modern Geography (Labberton's Historical Atlas is recommended). English Grammar.

GREEK.—Greek Syntax and Prosody. *Xenophon* (Four Books of the Anabasis). *Homer* (First three Books of the Iliad).

LATIN.—Latin Syntax and Prosody (A practical familiarity with the scanning of Hexameters). *Cæsar* (Three Books of the Gallic War). *Virgil* (Six Books of the Æneid). *Cicero* (Four Orations against Catiline). *Horace* (First Book of the Odes).

* Candidates for admission are frequently found very deficient in a knowledge of geography, and especially of ancient geography. Hereafter, candidates for admission into either the Department of Arts or the Department of Science will be required to show not only an acquaintance with modern geography, but also to give the names and position of the principal mountain ranges, rivers, and cities of ancient Italy, Greece, and Asia Minor.

MATHEMATICS.—Arithmetic. Elementary Rules of Algebra, including Simple Equations.

Prizes are offered to students entering the Freshman Class for proficiency in Greek and Latin Prose Composition. See under the head of PRIZES, p. 37.

2. No student is admitted to advanced standing without proving on examination that he is as fully instructed as the class, to which admission is asked, in all the studies which that class has pursued.

3. Candidates for admission will be examined in the Examination Hall of the University, on Tuesday and Wednesday, June 24th and 25th, and on Monday, September 15th, at 10½ o'clock on each day.

4. The students in the Department of Arts are distributed into four classes viz: the Senior, the Junior, the Sophomore, and the Freshman Classes.

5. The course required for the degree of Bachelor of Arts is the same for all students in this Department, during the Freshman and Sophomore years; but, at the beginning of the Junior year, an *election* is made between certain studies, by each student, which election is binding upon him for the two remaining years.

All the studies in the "Department of Intellectual and Moral Philosophy," and in the "Department of Natural Philosophy and Chemistry," and a part of the studies in the "Department of History and English Literature," are *required* to be pursued by all Juniors and Seniors. But in addition to these studies, they must *elect* or *choose*—

a. Either *Greek* or *German*:

b. Either *Latin* or *French*:

c. Either *Pure Mathematics* or advanced studies in *History and English Literature*.

6. The students pursue either the full course, for the degree of Bachelor of Arts, or any portion of that course which the Faculty may sanction. And at the termination of such *partial* course, the student will receive a certificate of proficiency in the studies which he has pursued satisfactorily.

7. Instruction in English Composition and Elocution is given by the Professor to each class during the whole course.

8. The Spanish language is taught, to students who desire it, in either the Department of Arts or that of Science.

III.

COLLEGE TERMS AND VACATIONS—TUITION FEES.

1. THE college year is divided into three terms; the *first* beginning on the 15th of September, and ending on the 24th of December; the *second* beginning on the 2d of January, and ending on the Wednesday before Easter, and the *third* beginning on the Tuesday after Easter, and ending on the last Thursday of June (Commencement day).

2. The Annual Tuition Fee is one hundred and fifty dollars, or fifty dollars for each term, payable always in advance, at the beginning of each term.

3. During the first and second terms, private examinations in the way of review are held by each Professor; and at the close of the third term, a public examination upon the studies of the whole year is held by the Faculties in both Departments. At the end of each term students who attain distinction are classed in order of merit.

Students shown by their term average to be deficient in any of their studies are conditionally attached to their class, until they prove on re-examination that said deficiency has been fully made up.

COURSE OF INSTRUCTION FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

GREEK.—Xenophon (*Hellenics*). Euripides (*Medea*). Arnold's Greek Prose Composition.

LATIN.—Selections from Livy and Horace's Satires, with Professor's Syllabus.

MATHEMATICS.—Algebra (*Alsop*, to Chap. VII.). Geometry (*Legendre*, first eight books).

ENGLISH.—*Weber's* Outlines of Universal History, with *Labberton's* Historical Atlas. Compositions and Declamations.

FRENCH.—*Collot's* Pronouncing French Reader. *Bregy's* Compendium of Grammatical Rules (First Part). Guide to French Conversation (*Smith*).

SOPHOMORE CLASS.

GREEK.—Thucydides (*Sicilian Expedition*). Sophocles (*Oedipus Tyrannus*). Arnold's Greek Prose Composition completed.

LATIN.—Tacitus (*Agricola*, *Germania*, or *Histories*). Cicero (*De Senectute* or *De Officiis*). Horace (*Selected Odes*) with Professor's Syllabus of Horatian Metres.

MATHEMATICS.—Algebra (*Alsop*), completed. Geometry completed (*Legendre*). Plane and Spherical Trigonometry (*Legendre*), with applications to Surveying, Navigation, &c. Conic Sections.

ENGLISH.—Elements of Rhetoric. *Bain's Rhetoric*, with Lectures and Practical Exercises. Lectures on the English Language. Compositions and Declamations.

GERMAN.—Plate's German Studies. Practical Exercises in Translation.

FRENCH (*Voluntary*).—*Un Philosophe sous les toits*. Sue's Grammar. Guide to French Conversation (*Smith*).

JUNIOR CLASS.

PHILOSOPHY (*Required*).—Intellectual Philosophy. Lectures Introductory to Philosophy. *Hamilton's Philosophy*. Moral Philosophy. *Whewell's Elements* (Lectures).

GREEK (*Elective with German*).—Theocritus. Demosthenes (*Public Orations*). Plato. Greek Prose Composition.

LATIN (*Elective with French*).—Selections from Juvenal. Cicero (*De Officiis*, *De Finibus*, or *De Amicitia*). Horace (*Epistles*).

PURE MATHEMATICS (*Elective with English*).—Analytical Geometry, including Conic Sections (*Church*). Differential Calculus (*Church*), commenced.

PHYSICS (*Required*).—Mechanics (*Frazer*). Heat. Sound. (*Ganot's Physics*.) Experimental Lectures.

ENGLISH (*Required*).—Compositions and Declamations. Logic (*Atwater*).

ENGLISH (*Elective with Pure Mathematics*).—Roman History (*Student's Gibbon*). Historical Lectures.

GERMAN (*Elective with Greek*).—Plate's German Studies. Whitney's German Grammar. Schiller's Maria Stuart.

FRENCH (*Elective with Latin*).—*Racine*. Brégy's Compendium, Part 2d.

SENIOR CLASS.

PHILOSOPHY (*Required*).—Intellectual Philosophy—Lectures: *Systems from Bacon to the present*. Evidences of Natural and Revealed Religion. *Butler's Analogy*.

GREEK (*Elective with German*).—Xenophon (*Memorabilia*). Euripides. Greek Prose Composition.

LATIN (*Elective with French*).—Cicero (*Tusculanae* or *Oratio pro Cluentio*). Horace (*Ars Poetica*) or Lucretius (Selections).

PURE MATHEMATICS (*Elective with English*).—Differential Calculus completed. Integral Calculus (*Church*).

PHYSICS (*Required*).—General Course on Light and Electricity, including Magnetism and Galvanism (*Miller's Chemical Physics* and Lectures). Mathematical and Physical Astronomy (*Gummere* and Lectures), Physical Geography (Lectures).

ENGLISH (*Required*).—Guizot's History of Civilization. Taine's English Literature. International Law (Lectures). Social Science (*Curey* and Lectures). Constitution of the United States (Lectures). Compositions and Original Declamations.

ENGLISH (*Elective with Pure Mathematics*).—Lectures on Modern History. Lectures on the Relations of English History to English Literature.

GERMAN (*Elective with Greek*).—Schiller's Poems; Goethe's Faust. Synonyms.

FRENCH (*Elective with Latin*).—*Molière*. Lectures on French Literature.

POST-GRADUATE INSTRUCTION IN THE CLASSICS.

In order to assist those who after leaving the University are desirous of further prosecuting their classical studies, a *post-graduate* class in Greek was formed by PROFESSOR ALLEN some years ago. This class, composed of graduates of different years, spend one evening every week during the winter in reading with the Professor some of the more difficult Greek authors. This winter it has been engaged upon the Law Orations of Demosthenes and one of the plays of Aristophanes.

A class composed of volunteers from the Junior and Senior Classes receives instruction from PROFESSOR JACKSON during the first and second terms in the reading of the Greek Testament.

GRATUITOUS INSTRUCTION, ETC.

The Committee on the Department of Arts may admit, for gratuitous instruction in this Department, such pupils, not exceeding fifteen at any one time, as shall, after application to the Provost, have been examined and approved by the Faculty, and reported by the Provost as worthy of admission.

Two Literary Societies, consisting of students and alumni of the Institution, are sanctioned by the Board of Trustees, and meet in the University, being under the general control and supervision of the Faculty.

The degree of Master of Arts may be conferred on the alumni of the University, bachelors in the arts of three years' standing, who apply for it. Bachelors of Science (of three years' standing) are entitled to the degree of Master of Science, on presenting to the Faculty a Thesis, which shall give satisfactory evidence that the author has continued to devote himself with success to science.

A public Commencement for conferring degrees is held on the last Thursday of June.

PRIZES.

I. A stated annual appropriation is made by the Board of Trustees to enable the Faculty to offer *Prizes* for superiority in the performance of voluntary exercises, over and above the ordinary Course. The subjects are proposed by the several Professors early in the

year; the award is made by the Faculty, and reported to the Board, before the month of June; and the names of those who have received Prizes are published at the annual Commencement.

The Prizes offered for the present year, under this regulation, are—

1. In the DEPARTMENT OF INTELLECTUAL AND MORAL PHILOSOPHY, a Prize of the value of \$20 for the best Essay, by a member of the Junior Class.

2. In the DEPARTMENT OF GREEK LANGUAGE AND LITERATURE, a prize of the value of \$30 for the best examination upon the "*Oration of Demosthenes on the Crown*," to be read with the Professor, by members of the Senior Class.

3. A prize of the value of \$20, for the best examination upon the "*Oration of Æschines on the Crown*," to be read with the Adjunct Professor, by members of the Junior Class.

4. A prize of the value of \$10, for the best examination, by a member of the Freshman Class, upon *Greek Prose Composition with the Accents*.

5. In the DEPARTMENT OF HISTORY AND ENGLISH LITERATURE, a prize of the value of \$30 for the best English Essay, by a member of the Senior Class.

6. A prize of the value of \$20 for the best English Essay, by a member of the Junior Class.

7. A prize of \$15 for the best Original Declamation by a member of the Sophomore Class.

8. A prize of \$10 for the best Declamation by a member of the Freshman Class.

II. To encourage the training in Greek and Latin Prose Composition in the Preparatory Schools, a first and second prize has been established by the Faculty, under authority of the Board of Trustees, of the values of \$15 and \$10 respectively, to be awarded annually to the two Freshmen who upon entering College shall pass the best special examination in the *Elements of Latin Prose Composition*, provided said examinations reach a satisfactory standard of excellence: the examination to take place on or about the first day of October. The examination in 1873 will be upon the whole of Part I. of Arnold's Latin Prose Composition. Certificates of the fact will also be presented to *all* competitors whose examination reaches a satisfactory standard.

Two prizes of like amount for *Greek Prose Composition* will be awarded annually. The examination in the year 1873 will be upon the whole of Leighton's Greek Lessons.

III. A prize of \$20 has been established by the Board of Trustees, to be awarded to such member of the Scientific Classes as shall, "*by his improvement in Drawing, and his general good conduct and application,*" be entitled to such honorary distinction.

IV. The "HENRY REED PRIZE," founded by the Alumni of the University in memory of the late Prof. Henry Reed, is annually awarded for the best *English Essay* by a member of the Senior Class, entitling the successful candidate to one year's interest on a certificate of loan issued by the City of Philadelphia, in the sum of \$600, and also to an accompanying Diploma of Merit. The Essays must be handed in to the Provost, for transmission to the Board of Trustees, by the first day of April.

V. The SOCIETY OF THE ALUMNI have founded the following prizes:—

1. A prize to be annually awarded to that member of the graduating class who shall present the best *Latin Essay*, entitling the successful candidate to one year's interest on certificates of loan, issued by the City of Philadelphia, in the sum of \$900. The Essays must be handed to the Provost, for transmission to a Committee of Examiners appointed by the Society, by the first day of May.

2. A prize to be annually awarded to a member of the Junior Class for the best *Original Declamation*, entitling the successful candidate to one year's interest on certificates of loan, issued by the City of Philadelphia, in the sum of \$300.

I.

DEPARTMENT OF SCIENCE.

THE Faculty of the Department of Science is composed of the following members:—

CHARLES J. STILLÉ, LL.D., PROVOST OF THE UNIVERSITY, *Professor of History and English Literature.*

J. PETER LESLEY, LL.D., DEAN OF THE FACULTY, *Professor of Geology and Mining.*

F. A. GENTH, A.M., Ph.D., *Professor of Analytical and Applied Chemistry and Mineralogy.*

LEONARD GEORGE FRANCK, C.E., *Professor of Civil and Mechanical Engineering.*

PERSIFOR FRAZER, JR., A.M., *Professor of Chemistry.*

GEORGE R. BARKER, M.D., *Professor of Physics.*

E. OTIS KENDALL, LL.D., *Professor of Mathematics.*

REV. ROBERT E. THOMPSON, A.M., *Professor of Mathematics, and Librarian.*

JOHN G. R. McELROY, A.M., *Adjunct Professor of History.*

OSWALD SEIDENSTICKER, Ph.D., *Professor of the German Language and Literature.*

F. AMÉDÉE BREGY, A.M., *Professor of the French Language and Literature.*

SAMUEL M. CLEVELAND, A.M., *Professor of Rhetoric and Oratory.*

INSTRUCTORS.

THOMAS W. RICHARDS, *Instructor in Drawing.*

LEWIS M. HAUPT, *Instructor in Mathematics and Engineering.*

GEORGE A. KOENIG, Ph.D., *Assistant in Analytical and Applied Chemistry and Mineralogy.*

THOMAS M. CHATARD, S.B., *Assistant in Analytical and Applied Chemistry and Mineralogy.*

II.

AIMS OF THE DEPARTMENT OF SCIENCE.

THE design of the instruction is to give a thorough technical and professional training to those who propose to engage in the following, among other pursuits, viz.: in CHEMISTRY, with its manifold applications to the industrial arts; in MINERALOGY, GEOLOGY, and MINING; in METALLURGY and ASSAYING; in ENGINEERING, CIVIL, MECHANICAL, and MINING, and in MECHANICAL DRAWING and ARCHITECTURE.

In order that this professional course shall be complete and systematic, and rest upon a broad basis, so that the student at its close may not be a mere *specialist*, but a man of liberal education as well, it has been determined that the course shall be a comprehensive one, extending through four years. The first two years are devoted, not merely to a thorough training in the preparatory and elementary Mathematics, Physics, Chemistry, and methods of physical research generally, but a considerable portion of the time is given to instruction in certain English studies—History, Logic, Rhetoric, and Oratory—as well as to the Modern Languages and to Mechanical Drawing.

At the close of these two years, the student is presumed to be prepared for studies of a strictly professional or technical character, and he will then select one of four parallel courses, in which instruction is given in this Department, and during the last two years his work is mainly confined to the studies of one or other of these courses, in accordance with the plans he may have formed in regard to his future profession.

The professional courses, from which a student may select, are at present—

- I. COURSE IN ANALYTICAL AND APPLIED CHEMISTRY AND MINERALOGY.
- II. COURSE IN GEOLOGY AND MINING.
- III. COURSE IN CIVIL ENGINEERING.
- IV. COURSE IN MECHANICAL ENGINEERING.

The Degree conferred by the University, on the satisfactory completion of any one of these professional courses, is that of BACHELOR OF SCIENCE. Rules for conferring other Degrees usual in Scientific Schools will be established hereafter.

III.

TERMS OF ADMISSION, FEES, &c.

Candidates for admission to the Freshman Class, in the Department of Science, must be at least sixteen years of age, and must be prepared to pass an examination in Ancient and Modern Geography, in English Grammar, in Arithmetic, in Algebra as far as Quadratic Equations, and in the first four books of Geometry (either Davics' *Legendre* or Chauvenet).

Candidates should present themselves for examination for admission, at the University building in West Philadelphia, on Tuesday or Wednesday, June 24th or 25th, or on Monday, September 15th, at 10.30 A. M. on each day.

No student can be admitted to an advanced standing without showing on examination that he is as fully instructed as the class, to which he asks admission, has been.

Special students (not candidates for a degree) may be received into any of the professional courses, when, in the opinion of the Professor, the applicant is likely to derive profit from the instruction given. To these students a CERTIFICATE OF PROFICIENCY will be awarded upon the completion of such a course and a satisfactory examination therein.

The college year is divided into three terms: the *first*, beginning on the 15th of September, and ending on the 24th of December; the *second*, beginning on the 2d of January, and ending on the Wednesday before Easter; and the *third*, beginning on the Tuesday after Easter, and ending on the last Thursday of June (Commencement day).

The fees for instruction in this Department are \$50 per term (payable in advance), or \$150 per annum.

A separate charge is made to students of the Senior and Junior years, for chemicals and the use of apparatus.

Any further information concerning the Department of Science may be obtained by addressing Professor J. P. LESLEY, Dean of the Faculty, 1008 Clinton Street.

IV.

COURSES AND METHODS OF STUDY.

The students in the Scientific Department are divided into four classes, SENIOR, JUNIOR, SOPHOMORE, and FRESHMAN.

Instruction is given by lectures and recitations, by field practice, and by daily exercises in the Laboratories and the Drawing-rooms.

The Laboratories are open for instruction during the whole day, and the students are required to work in them, as well as in the Drawing-rooms, during the afternoons of five days in the week, as well as in the hours named in the Roster.

Field practice in Surveying and Engineering, Excursions for the study of Geology and Mining practically, and visits to Machine-shops and Manufactories, form an essential part of the instruction.

The study of Geology and Mining, like that of Chemistry, is carried on in workrooms, where every kind of diagram, section, map, and model likely to be useful in professional life, is constructed by the student himself, under the eye of the teacher; field notes are reduced; calculations made; and reports written and illustrated. The same course is pursued in the Laboratories of Civil and Mechanical Engineering, where Drawings and Models of every kind of frame-work—roofs, bridges, &c.—are produced.

In Pennsylvania, the chief seat of Coal Mining and Iron Making, and in Philadelphia, the most important focus of American manufactures, such practical instruction in Mining, Metallurgy, Civil Engineering, and Mechanical Science, is not only indispensable, but takes precedency of merely didactic tuition, such as was formerly accounted a sufficient supplement to a liberal education.

The students of this Department of the University are therefore not only taught to comprehend the principles, but to exercise themselves in the technical labor of a professional life of the highest order, before assuming its responsibilities in the outside world. They are trained in out-door surveying, make specimen Geological Surveys, visit Manufactories, construct Models of Machines, and will be required hereafter to put ores through metallurgical processes on a larger scale than is possible in the Analytical Laboratories. Every year will add to the scope and efficiency of the instruction organized on this practical basis.

V.

COURSE OF STUDY.

The following is an outline of the Course of Study pursued in this Department:—

FRESHMAN YEAR.

ENGLISH.—Weber's Outlines of Universal History, with Labberton's Historical Atlas. Compositions and Declamations.

FRENCH.—*Collot's* Pronouncing French Reader. *Bregy's* Compendium of Grammatical Rules (First Part.) Guide to French Conversation (*Smith*).

MATHEMATICS.—Algebra. Mensuration (*Fogdes*). Geometry. Descriptive Geometry (Problems including the Point, Right Line, and Plane).

DRAWING.—Geometrical and Isometrical Drawing, and Drawing from the Flat. Free Hand Sketching. Use of the Scale and Protractor. Water-colors. Graphical representations from Geometry. Ornamentation.

PHYSICAL SCIENCE.—Somatology. Elementary Chemistry (Chemical Formulæ and Equations. Quantivalence). Elements of Geology. French Metrical System.

SOPHOMORE YEAR.

ENGLISH.—Elements of Rhetoric (*Bain's Rhetoric*), with Lectures and Practical Exercises. Logic. Lectures on the English Language. Compositions and Declamations.

GERMAN.—*Plate's* German Studies. Practical Exercises in Translation.

FRENCH.—“*Un Philosophe sous les toits.*” *Sue's* Grammar. Guide to French Conversation (*Smith*).

SPANISH (*Voluntary*).—*Ollendorf's* Spanish Method. *Tolon's* Spanish Reader.

MATHEMATICS.—Trigonometry, Plane and Spherical (*Chauvenet*), with Applications to Surveying (Plotting from Field Notes and Computing of Areas). Descriptive Geometry (Practical Problems). Conic Sections. Analytical Geometry (Point, Line and Intersection of Planes). Differential Calculus.

DRAWING.—Isometric and Linear Perspective. Principles of Architecture. Ornamental Drawing. Landscape.

PHYSICAL SCIENCE.—Theoretical Mineralogy (Crystallography, and Classification of Minerals). Theoretical Inorganic and Organic Chemistry (Chemistry of the Non-Metals, Metals, and Organic Compounds, with Stoichiometric Calculations. Examination of Natural and Artificial Salts). Topographical Geology (Construction of Geological Maps and Sections, Plans of Mines, and Calculations of Place and Quantity).

JUNIOR YEAR.

Studies pursued by the Whole Class.

ENGLISH.—English Literature. Composition. History (*Gibbon's Rome*).

GERMAN.—Schiller's *Maria Stuart*. *Plate* (continued). *Whitney's* Grammar.

PHYSICAL SCIENCE.—Theoretical Mechanics. Heat, Sound, and Light.

1. *Studies pursued by the Chemical Section.*

Practical instruction in Chemical Manipulation, the use and construction of apparatus, and the detection of the more frequently occurring elements and the simpler compounds: including the use of the blow-pipe and the employment of flame reactions.

Instruction in the practical production of chemical salts, preparations, and simple substances in their greatest perfection and purity; and also according to the principles which govern their manufacture on a large scale.

Qualitative Analysis of more complex substances, with practice in determining the color and condition of products and in the determination of minerals.

Qualitative Analysis and detection of the more rare elements and organic constituents of bodies. Introduction to Quantitative Analysis. Use of the spectroscope in qualitative determinations.

2. *Studies pursued by the Geological Section.*

The Physical Features of the Surface of the United States, indicative of, and explained by, the Geology.

Special Geology of the United States taken up in order of the Formations, with characteristic minerals and fossils.

The general Geology and Topography of the World, with regard also to the distribution of the metals and fuels.

Field practice.

3. *Studies pursued by the Civil Engineering Section.*

MATHEMATICS.—Differential Calculus and Conic Sections completed. Calculus. Descriptive Geometry (application to Ground Plans, Maps, &c.).

APPLIED MECHANICS.—Motion of a Material Point. Statics and Dynamics of Rigid Bodies.

SURVEYING.—Locating of Roads, Drains, &c., on Topographical Charts. Filling in with Plane Table.

ENGINEERING.—Masonry. Framing. Calculation of the Strength of Frame Work.

DRAWING.—Topographical Drawing. Roofs. Bridges.

4. *Studies pursued by the Mechanical Engineering Section.*

MATHEMATICS.—Integral Calculus. Differential Calculus and Conic Sections (*completed*). Descriptive Geometry (Applications to the Projections of Machines).

MECHANICS.—Laws of Motion. Statics and Dynamics of Rigid Bodies. Definition of Elementary Machines. Work done by Machines. Apparatus to Measure the Mechanical Effect. Regulating Apparatus. Fly-wheel. Governors and Brakes. Friction.

Drawing of Parts of Machines: Screw-bolts and nuts; rivetting; gudgeons, pivots, axles, shafts, couplings, pillow-blocks, shafthangers; band, cord, and train-wheels; gearing; crank and connecting rod; walking beam; connection of pipes, valves, cylinders, pistons, stuffing boxes; hempen ropes, wire ropes, chains, tools, &c.

SENIOR CLASS.

Studies pursued by the Whole Class.

ENGLISH.—Compositions. Declamations. History. History of Literature. Social Science and International Law.

GERMAN.—Goethe's *Faust*.

PHYSICAL SCIENCE.—Electricity. Astronomy (Mathematical and Physical), and Physical Geography.

1. *Studies pursued by the Chemical Section.*

Quantitative Gravimetric Analysis of the simple and complex salts and minerals.

Practice in the analysis of unknown bodies. Volumetric Analysis and preparation of normal solutions. Gas Analysis. Manufacture, graduation, and use of endimeters. Photometric tests.

Determination of the constituents of cast-iron and steel. Practice in Agricultural Chemistry, and Analysis of Manures. Dry Assaying and Metallurgical practice.

Determination of small amounts of impurities (adulteration and poison in food and drink). Analysis of water of mineral springs. Organic Analysis. Practice in production of Chemical preparations.

2. Studies pursued by the Geological Section.

The Coal and Iron Mines of the United States.

Methods of Mining. Statistics. Uses. Markets, History, &c.

Copper, Lead, Silver, Gold, Salt, Petroleum, &c., in the United States.

Field practice.

3. Studies pursued by the Civil Engineering Section.

ENGINEERING.—Calculation of the Strength of Roofs and Bridges. Foundations. Retaining Walls. Arches. Rectification of Rivers. Roads and Canals. Drainage. Construction of dams, jetties, dikes, and breakwaters. Improvement of harbors. Location of cities (Plans. Width and direction of streets).

MACHINERY.—Hand-machinery. Water-wheels. Steam-engines.

ASTRONOMY.

GEODESY.—Triangulation. Geodetic Surveying (Latitude and Longitude).

DRAWING.—Plans. Elevations. Sections.

4. Studies pursued by the Mechanical Engineering Section.

APPLIED MECHANICS.—Statics and Dynamics of Fluid Bodies.

MECHANISM.—Trains of Mechanism in general; rolling contact, sliding contact, wrapping connectors, link-work.

MACHINERY.—Strength and proportions of machines, water-wheels, water-pressure engines, steam and its properties, steam engines, air and gas engines, estimates and contracts.

DRAWING.—Construction of machines. Working drawings.

REGULATIONS

OF THE

MEDICAL DEPARTMENT OF THE UNIVERSITY OF PENNSYLVANIA.

THE Medical Department is under the immediate government of the Medical Professors, who constitute the Faculty of Medicine, subject to the Rules and Statutes of the Board of Trustees. The Faculty consists of—

A Professor of the THEORY AND PRACTICE OF MEDICINE AND CLINICAL MEDICINE,

A Professor of ANATOMY,

A Professor of MATERIA MEDICA AND PHARMACY,

A Professor of CHEMISTRY,

A Professor of SURGERY,

A Professor of OBSTETRICS, AND THE DISEASES OF WOMEN AND CHILDREN, and

A Professor of the INSTITUTES OF MEDICINE.

The Medical Faculty hold meetings for the purpose of arranging and conducting the business of the department, and for the preservation of order and decorum among the medical students.

One of the members acts as Dean, whose duty it is to keep the Minutes of the Faculty, to arrange the examination of the candidates for graduation, to conduct the business of the Faculty at their meetings, and to attend to correspondence.

The Session for the Medical Lectures begins early in October, and ends early in March ensuing.

The Commencement for conferring the Degree of Doctor of Medicine is held by a special mandamus of the Board of Trustees during the month of March.

The following are the Rules in force in relation to the Degree of Doctor of Medicine:—

I. The candidate must have attained the age of twenty-one years, have applied himself to the study of Medicine for three years, and

been, during that time, the private pupil for two years, at least, of a respectable practitioner of Medicine.

II. The candidate must also have attended two complete courses of the following Lectures in this Institution:—

Theory and Practice of Medicine,
Anatomy,
Materia Medica and Pharmacy,
Chemistry,
Surgery,
Obstetrics and the Diseases of Women and Children,
Institutes of Medicine.

III. Medical students who have attended one complete course in a respectable Medical School, where the attendance on two complete courses is necessary to a degree, where the same branches are taught as in this, and which is placed upon the *ad eundem* of this school, are permitted to become candidates by an attendance here for one full course; the rules of graduation being in other respects observed. They are also exempted from the payment of fees upon attending a second term.

IV. When a candidate applies to the Dean for admission, he must exhibit his tickets to prove that the above rules have been complied with.

V. The candidate, at the time of his application, must deliver to the Dean of the Medical Faculty a Thesis, composed by himself, on some medical subject. This Thesis is referred to one of the Professors, who shall examine the candidate upon it, and make his report thereon to the Medical Faculty.

VI. When a candidate is rejected, his essay will be retained by the Medical Faculty.

VII. The essay must be in the candidate's own handwriting, and must be written uniformly on letter-paper of the same size, the alternate pages being left blank.*

VIII. Bad spelling in a Thesis, or evidences of a want of literary culture, will preclude a candidate from examination for a degree.

IX. A Thesis may be published by the candidate if he desire it, the permission of the Professor by whom he was examined thereon

* The essays should be written upon Thesis paper, for the purpose of convenient binding together into volumes. It is recommended that the candidate prepare his thesis before the commencement of his last course of lectures.

being first obtained; but no alteration shall be made in such thesis without the consent of the said Professor.

X. The voting on the case of each candidate is by ballot. Candidates who have not been successful upon a first examination will be permitted to have a second, when all the classes have been disposed of by the Faculty. The second examination will be conducted in full meeting of the Professors.

XI. The candidate shall pay the fees of graduation at the time of his examination, or before receiving notice of his success; his name may then be entered on the Register of passed candidates, for the purpose of being reported to the Board of Trustees and included in the mandamus for a Degree.

XII. Candidates who have passed their examination, and in other respects complied with the regulations, are to be reported by the Dean to the Provost, who will communicate such report to the Board of Trustees, in order that, if approved of by them, their mandamus be issued for conferring the Degree.

XIII. The Degree will not be conferred upon a candidate who absents himself from the Public Commencement, except by special permission of the Medical Faculty.

XIV. Graduates of Medical Schools, on the *ad eundem* list, by attending one complete course in this Institution, and complying with the above regulations, are put upon the same footing with students who have attended two complete courses here; that is, they may present themselves as candidates for graduation: also, if they attend a second time, the tickets will be free. Such graduates, if of five years' standing, are permitted to attend the course of Lectures, upon a general ticket of admission, free of expense, except the cost of the matriculating ticket. But this general ticket does not qualify for graduation.

EXPENSES.

Fees for the Course of Lectures	\$140
Matriculating Fee (paid once only)	5
Graduating Fee	30

* * No scholarships are sold by the UNIVERSITY OF PENNSYLVANIA.

The Lectures of the Session of 1873-74 will commence on the first Monday (6th) of October, and close on the last day of February ensuing.

TEXT-BOOKS AND WORKS OF REFERENCE.

On Practice of Medicine: Wood's Practice of Medicine; Stillé's Therapeutics; Walshe on the Heart and Lungs; Rindfleisch, or Green, on Morbid Anatomy.

On Anatomy: Leidy's Elementary Treatise on Human Anatomy; Sharpey and Quain's Anatomy; Wilson's Anatomy; Gray's Anatomy; Kölliker's Microscopical Anatomy; Stricker's Manual of Histology.

On Materia Medica: Carson's Synopsis; Wood's Therapeutics; Wood and Bache's Dispensatory; Abridgment of Pereira's Materia Medica.

On Chemistry: Fownes' Elementary Chemistry; Johnston's Turner's Chemistry; Brande and Taylor's Chemistry; Lehmann's Physiological Chemistry, by Rogers; Taylor's Toxicology.

On Surgery: Smith's Principles and Practice of Surgery; Erichsen's Surgery; Paget's Surgical Pathology; Macleod's Surgical Diagnosis.

On Institutes of Medicine: Marshall's Physiology; Carpenter's Physiology; Kirkes' Manual.

On Obstetrics: Hodge's Obstetrics; Hodge on Diseases Peculiar to Women; West on Diseases of Women; West on Diseases of Children; Meigs and Pepper on Diseases of Children.

MUSEUM AND CABINETS.

The WISTAR AND HORNER MUSEUM, which was founded nearly ONE HUNDRED YEARS ago, and has been annually augmented, is unequalled in the United States for the number and variety of its specimens of the normal and the morbid anatomy of every part of the human body. It also contains a large number of preparations in comparative anatomy, and an extensive collection of artistic models, which are used in illustrating the several courses of

lectures delivered in the Medical Department. The ticket of matriculation in this Department entitles the holder to admission to the Museum, which is open on Wednesday and Saturday of each week, from 9 to 12 A. M., throughout the session.

The CABINET of the Professor of Theory and Practice of Medicine, collected by Dr. George B. Wood while he held that chair, and generously placed by him at the service of his successors, contains an extensive series of drawings, wet preparations, and models in wax and other materials, which together form a collection unrivalled in extent and value, for illustrating diseases of the internal organs and of the skin.

DEMONSTRATIVE AND CLINICAL INSTRUCTION.

Although the annual lecture term of the Medical Department of the University embraces rather less than five months, the time which may be employed by the student who desires to avail himself of all the advantages afforded by the school is really twice as great, or more than ten months in each year.

During the Spring and Summer students of the Medical Department are entitled to attend the Lectures of the Auxiliary Faculty on subjects which form a scientific basis for medicine, and illustrate several of its branches. Those who have attended two full courses and passed a satisfactory examination upon them, receive the degree of Ph.D. (Doctor of Philosophy). The lectures of the Auxiliary Faculty are delivered in the afternoon, while the forenoon is occupied in part by the general Medical and Surgical Clinics, at the University and at the Hospitals, and by special clinical lectures upon Physical Diagnosis, Diseases of the Eye, of Women and Children, and of the Skin. Lectures on Regional Anatomy, and on Microscopy and Urinary Chemistry, complete the programme. For about a month before the opening of the Winter Session Clinical and Demonstrative lectures of the same general character are delivered.

The different courses of lectures have been so arranged as to enable students to pursue a systematic plan of study, in which the younger may give themselves up wholly to didactic instruction,

while the more advanced have the opportunity of seeing the scientific principles and the art of medicine practically illustrated and applied.

UNIVERSITY CLINICS.

The system of DAILY CLINICAL LECTURES AND DEMONSTRATIONS THROUGHOUT THE COLLEGE YEAR has continued to prove eminently successful, and a source of most valuable knowledge to the student. Without interfering with the completeness of the didactic instruction, or burdening the student with an undesirable number of lectures, these clinical courses have grown more and more popular and highly valued. Attendance upon them is entirely voluntary, so that the student's labors are not necessarily increased, while his opportunities for acquiring practical knowledge are greatly enlarged.

For the accommodation of such persons as require Surgical treatment, WARDS, with proper attendants, are provided in the University Building, thus enabling the institution to take charge of such cases as demand extensive and grave operations, and presenting to the student, not only the opportunity of witnessing, constantly, the major operations in Surgery, but what is of greater importance, the dressing and treatment of such cases.

The MEDICAL CLINIC, under the direction of Dr. WILLIAM PEPPER, Lecturer on Clinical Medicine, has been abundantly furnished with cases from the Dispensary, exemplifying every variety of disease, and affording an excellent opportunity for studying Diagnosis and Therapeutics.

A complete course of Instruction in MICROSCOPY, URINARY CHEMISTRY, and DISEASES OF THE URINARY ORGANS, amply illustrated by suitable cases, and a demonstration of all the important test reagents, is given by Dr. JAMES TYSON.

The clinical study of DISEASES OF WOMEN AND CHILDREN is pursued under the direction of Dr. WILLIAM GOODELL, who is enabled, from the extensive Dispensary connected with the service, to fully illustrate these important branches of practice.

OPHTHALMOLOGY, including all portions of this important specialty, is taught by Drs. W. F. NORRIS and GEO. STRAWBRIDGE. The clinical material for these courses is unusually ample and valuable.

The rare opportunity is also afforded for acquiring a thorough practical familiarity with DISEASES OF THE SKIN by the Clinical Lectures of Dr. LOUIS A. DUHRING on this interesting and difficult subject.

HOSPITALS AND HOSPITAL CLINICS.

In addition to these numerous sources of practical knowledge, the Clinical lectures at the different hospitals are regularly given, as well as the private lessons referred to below. At the PHILADELPHIA HOSPITAL, which contains 900 beds, and is the only large hospital in the United States where all the medical attendants are continuously on duty, Clinical lectures are delivered twice a week on Medicine, Surgery, and the Diseases of Women and Children. Lectures on Clinical Medicine and Surgery are also delivered twice a week during the whole year by the several members of the Medical Staff of the PENNSYLVANIA HOSPITAL. At both of these Institutions students are admitted without charge. During the spring and summer *private* classes are also formed for Clinical Instruction, for which a moderate fee is required. In these classes students are fully instructed in the art of recording cases, and in the various methods of physical examination employed in Clinical Medicine.

Among the other Hospitals where Clinical Instruction is given, and which are accessible to students, may be mentioned: The EPISCOPAL, PRESBYTERIAN, WILLS (Eye Hospital). CHILDREN'S, LYING-IN, ST. JOSEPH'S, ST. FRANCIS', GERMAN, and JEWISH HOSPITALS.

The following Dispensaries are also available for students, many of whom are systematically instructed in practice by the visiting physicians: The PHILADELPHIA, The SOUTHERN, The NORTHERN, and The MOYAMENSING DISPENSARIES.

Appointments of RESIDENT PHYSICIANS are made annually in the different Hospitals of the city, and are open to competition by the graduates of the school, of whom a large number have filled these valuable situations.

From the preceding summary it is evident that a prolonged residence in the city is of the utmost value to the student, by enabling him to pursue a systematic course of study and become practically familiar with the scientific methods of investigating disease, and with the principles and results of its treatment.

PRACTICAL ANATOMY.

The DISSECTING ROOMS of the University are open throughout the year (except July and August), under the superintendence of the Professor of Anatomy, and the Demonstrator. *Ventilation* of the best kind is secured by open windows, and by four lines of ventilators, each twenty-four feet in length. The *light* is strong and evenly diffused over the whole space by means of extensive skylights and by large side windows. There are also gas-burners over every table for work at night. Every table has a *stone* top, which can be kept perfectly clean, and cannot absorb the discharges. There are numerous marble wash-stands and many private closets. *Cleanliness* is carefully enforced. The preservation of the *cadaver* and the injection of the arteries are most successfully accomplished. Dissection is now legalized in Pennsylvania, and therefore the cost of *material* is very small.

These Anatomical Rooms now surpass those in Europe and in America in the completeness of their arrangements to aid the student in the prosecution of his studies, and to contribute towards the preservation of his health and comfort.

PRACTICAL SURGERY.

The OPERATING ROOM is open during the Session, under the supervision of the Professor of Surgery and his Assistants. Every student is here thoroughly instructed and practically trained in the application of bandages and surgical apparatus, and in the performance of operations upon the cadaver. Instruments, splints, and bandages are supplied free of cost.

PRIZES.

Two PRIZES of One Hundred Dollars each will be awarded to the members of the Graduating Class of 1872-73 for the two best Essays upon Medical subjects, provided such Essays are of sufficient merit to be worthy of publication.

One of these prizes has been instituted by the SOCIETY OF THE ALUMNI of the Medical Department of the University.

The other has been authorized by a liberal friend of the University.

ANATOMICAL PRIZE.—A "*Gold Medal*" will be awarded by the Demonstrator of Anatomy to that student who shall exhibit the greatest diligence, care, and skill in the practical study of anatomy.

PRIZES IN CLINICAL MEDICINE.—The sum of THIRTY DOLLARS will be awarded to the member of the Graduating Class presenting the best record of ten medical cases observed by the student during the period of his studies.

A *Second Prize* of TWENTY DOLLARS will be awarded to the record coming next in point of merit.

The names of those successful in securing the prizes will be announced at the Annual Commencement of the Medical Department.

AUXILIARY FACULTY OF MEDICINE.

SPRING COURSE.

FACULTY.

HARRISON ALLEN, M.D., *Professor of Zoology and Comparative Anatomy.*
 HORATIO C. WOOD, JR., M.D., *Professor of Botany.*
 HENRY HARTSHORNE, M.D., *Professor of Hygiene.*
 JOHN J. REESE, M.D., *Professor of Medical Jurisprudence, including Toxicology.*
 SAMUEL B. HOWELL, M.D., *Professor of Mineralogy and Geology.*

The branches of Natural History, forming the subjects of the three Professorships first named, will be taught mainly in reference to their medical relations.

All students who have matriculated in the Medical Department, and have taken the tickets of two of the Medical Faculty, have the right of admission to the lectures. Attendance upon these lectures is not compulsory upon the students in the Medical Department.

The several courses will each consist of at least thirty-four lectures, to be delivered, at hours fixed by the Faculty, three times a week during the months of April, May, and June, commencing on third Monday in March, and ending on Saturday, June 21st.

The degree of Doctor of Philosophy will be conferred upon those medical graduates who shall have attended two courses of lectures, and have passed a satisfactory examination thereon by the Faculty. To such, a Diploma will be granted by the University.

SUMMER MEDICAL ASSOCIATION OF THE UNIVERSITY.

CLINICAL SURGERY	Prof. D. HAYES AGNEW, M.D.
PRACTICAL CHEMISTRY	Prof. ROBERT E. ROGERS, M.D.
REGIONAL ANATOMY	H. LENOX HODGE, M.D.
CLINICAL MEDICINE AND PHYSICAL DIAGNOSIS	} WILLIAM PEPPER, M.D.
MICROSCOPY	
DISEASES OF WOMEN AND CHILDREN	JAMES TYSON, M.D.
SURGICAL DISEASES OF THE MOUTH	WILLIAM GOODELL, M.D.
	JAMES E. GARRETSON, M.D.
DISEASES OF THE EYE AND EAR	{ WILLIAM F. NORRIS, M.D. GEO. STRAWBRIDGE, M.D.
DISEASES OF THE SKIN	
MORBID ANATOMY	LOUIS A. DUHRING, M.D.
	JOSEPH G. RICHARDSON, M.D.

Lectures on the above subjects are delivered by the members of the Summer Association annually during the months of April, May, June, September, and the early part of October.

All of these Lectures are free to matriculants of the University, upon registering their names with the Secretary of the Association, who will furnish them with tickets.

The next Course will commence on Monday, April 7th, 1873, and terminate on October 4th.

Besides the general course on Microscopy, Dr. Tyson will give a special course in which students, upon the payment of a fee of five dollars, will have the opportunity of learning the Practical Manipulation of the Microscope, under the immediate supervision of the lecturer.

CLINICAL LECTURERS.

D. HAYES AGNEW, M.D.,

PROFESSOR OF SURGERY.

WILLIAM PEPPER, M.D.,

Lecturer on Clinical Medicine and
Physical Diagnosis.

JAMES TYSON, M.D.,

Clinical Lecturer on Microscopy and Uri-
nary Chemistry.

WILLIAM GOODELL, M.D.,

Clinical Lecturer on Diseases of Women
and Children.

GEORGE STRAWBRIDGE, M.D.,

WILLIAM F. NORRIS, M.D.,

Clinical Lecturers on Diseases of the Eye
and Ear.

JAMES E. GARRETSON, M.D.,

Clinical Lecturer on Surgical Diseases of
the Mouth.

LOUIS A. DUHRING, M.D.,

Clinical Lecturer on Dermatology.

ASSISTANTS TO THE MEDICAL CLINIC.

ROLAND G. CURTIN, M.D., Chief of the Medical Dispensary.

MORRIS LONGSTRECH, M.D., Chief of the Dispensary for Nervous Diseases.

ROBERT M. BERTOLET, M.D., Chief of the Dispensary for Diseases of the Throat.

ASSISTANTS TO THE SURGICAL CLINIC.

CHARLES T. HUNTER, M.D., Chief of the Surgical Dispensary.

SAMUEL S. STRYKER, M.D.,

DE FOREST WILLARD, M.D.,

FRANK MUHLENBERG, M.D.,

ELLIOTT RICHARDSON, M.D.,

WILLIAM ASHBRIDGE, M.D.,

WILLIAM G. PORTER, M.D.,

JAMES MARKOE, M.D.

ASSISTANT DEMONSTRATORS OF ANATOMY.

LEONARDO S. CLARK, M.D.,

FRANCISCO J. MARTINEZ, M.D.,

GEORGE A. REX, M.D.,

EUGENE P. BERNARDY, M.D.,

CHARLES B. NANCREDE, M.D.,

JEROME LONGENECKER, M.D.,

STANLEY P. NEWSHAM, M.D.

DEMONSTRATORS OF PRACTICAL SURGERY.

CHARLES T. HUNTER, M.D., Demonstrator.

WILLIAM ASHBRIDGE, M.D.,

FRANK MUHLENBERG, M.D.,

DE FOREST WILLARD, M.D.,

ELLIOTT RICHARDSON, M.D.

ASSISTANT TO THE PROFESSOR OF CHEMISTRY.

GEORGE M. WARD, M.D.

ASSISTANT TO THE PROFESSOR OF OBSTETRICS.

FRANCISCO J. MARTINEZ, M.D.

REGULATIONS, Etc.,

OF THE

LAW DEPARTMENT OF THE UNIVERSITY OF PENNSYLVANIA

It is the design of this Department to aid in preparing gentlemen for admission to the Bar, and, also, to offer to those who have not the Bar in view an opportunity of acquiring knowledge in any one or all of the branches of legal learning. The Conveyancer and the Merchant may attend, with profit, the particular lectures appropriate to their respective pursuits.

By special Rules of the District Court for the City of Philadelphia, gentlemen who have proceeded Bachelor of Law in this University, served a regular clerkship in the office and under the direction of a practising attorney for *one* year, and complied with the rules as to registry and examination, may be admitted to practise, if their term of study, altogether, has been three years, or two years after the age of twenty-one. It is believed that admission to the Bar in Philadelphia will entitle to admission in any part of Pennsylvania, and in many other States of the Union.

The Professors do not presume to embrace in their course the peculiar laws and rules of procedure of all parts of the Union. Their design is so to discipline and prepare the mind by instruction in the principles of jurisprudence and their application in Pennsylvania, that other local codes can be acquired with facility and advantage. The foundations of the laws of most of the States are the same.

Students may matriculate at any stage of their professional preparation.

Students are not examined for matriculation, nor is it possible to require, peremptorily, a college degree, or any previous line of study. This must be left to circumstances, to the views of the student, and to the influences which control him.

Instruction is conveyed by lectures, and by books and portions of books upon the subjects of the lectures, which are recommended by the Professors. The students are frequently and carefully examined. Moot courts are held, at which questions are argued. And the Law Academy of Philadelphia, an institution of long standing, to which not only students, but many practising lawyers belong, gives opportunity for debate and argument which has been found of the greatest practical advantage.

There are two terms each year. The first term begins on the first of October, the second on the first of February. Each term continues four months. From the first day of June to the first of October is vacation. The course is so arranged that a student entering at the commencement of any October term will complete his term of study in two academical years.

Students who have attended four consecutive terms with each Professor, may, upon the recommendation of the Faculty, proceed Bachelors of Law.

Students who have attended any one or two of the Professors only, may receive from each Professor certificates of proficiency.

The fee to each Professor is ten dollars for each term of four months.

In all cases where a student is a proper object for such indulgence, he will be allowed to attend the lectures without charge.

Those who have received the degree of Bachelor of Laws may attend all future lectures free of charge.

ARRANGEMENT OF THE COURSE.

PROFESSOR —.

For the first term, beginning October 1, 1872, ending February 1, 1873, Real Estate.

For the second term, beginning February 1, 1873, ending June 1, 1873, Conveyancing.

For the third term, beginning October 1, 1873, ending February 1, 1874, Equity Jurisprudence.

For the fourth term, beginning February 1, 1874, ending June 1, 1874, Equity Jurisprudence.

PROFESSOR MORRIS.

For the first term, as above,	Practice and Pleading at Law.
For the second term,	Practice and Pleading at Law.
For the third term,	Evidence.
For the fourth term,	Practice and Pleading in Equity.

PROFESSOR HARE.

For the first term, as above,	General Jurisprudence ; International Law.
For the second term,	Sources of Municipal Law ; Constitutional Law.
For the third term,	Law of Persons, and Personal Property ; Mercantile Law.
For the fourth term,	Mercantile Law ; Law of Debtor and Creditor ; Criminal Law ; Conflict of Laws.

The course for the four terms, beginning October 1, 1874, ending June 1, 1876, will be, unless some change is announced, a repetition of the above. It will be perceived, therefore, that a student entering on the 1st of October of any year, and continuing four terms, will have a complete course, though the studies will not be presented in the same order to him as to those who have entered in the previous October.

MEDICAL DEGREES CONFERRED 1871-72.

At a PUBLIC COMMENCEMENT, held TUESDAY, MARCH 12, 1872, at the American Academy of Music, the Degree of

DOCTOR OF MEDICINE

was conferred by CHARLES J. STILLÉ, LL.D., Provost, upon the following gentlemen; after which an address was delivered by D. HAYES AGNEW, M.D., Professor of Surgery:—

NAME.	POST OFFICE.	STATE.
BAUER, LOUIS G.	Philadelphia.	Pennsylvania.
BOWEN, GEORGE W.	Hatboro'	Pennsylvania.
BRADNER, HENRY K.	Warwick.	New York.
BROCK, HARRY D.	Trenton.	New Jersey.
CORSE, WILLIAM H.	Wilmington.	Delaware.
DALE, JOHN LOMBARD	Springfield.	Massachusetts.
DANNAKER, C. AUGUSTUS, JR.	Bedford.	Pennsylvania.
DAVIS, WARREN N.	West Middlesex.	Pennsylvania.
ECKFELDT, JOHN W.	Upper Darby.	Pennsylvania.
ERDMAN, JOHN DALLAS	Ruchsville.	Pennsylvania.
EVANS, HOWARD	Guthrieville.	Pennsylvania.
EVES, JAMES S.	New London.	Pennsylvania.
FINLEY, JAMES ALEXANDER	Philadelphia.	Pennsylvania.
FISHER, OLIVER H.	Pottstown.	Pennsylvania.
FRIES, WILLIAM ARMSTRONG	Philadelphia.	Pennsylvania.
FUQUA, ADELBERT L.	Donelson.	Tennessee.
FURNISS, JOSEPH	New Providence.	Pennsylvania.
GARBER, ABRAHAM P.	Columbia.	Pennsylvania.
GARRISON, CHARLES GRANT	Camden.	New Jersey.
GILBERT, SAMUEL F.	Halifax.	Pennsylvania.
GREEN, GEORGE DILLWIN.	Media.	Pennsylvania.
GREENWALD, MANDEVILLE O.	Allentown.	Pennsylvania.
HANKS, LUCIEN ALBERT	Pittsboro'	North Carolina.
HEALY, JOHN J.	Douglasville.	Pennsylvania.
HERITAGE, PAUL S.	Mantua.	New Jersey.
HEWSON, CHARLES W.	Point De Bute.	Nova Scotia.

NAME.	POST OFFICE.	STATE.
HOBENSACK, JOHN D.	Martin's Ferry.	Ohio.
HOFF, LAWRENCE B.	Philadelphia.	Pennsylvania.
HONEYMAN, JOHN C.	New Germantown.	New Jersey.
HUMPHREY, WILLIAM JOHN	Cherryville.	Pennsylvania.
HUNTER, THOMAS	Philadelphia.	Pennsylvania.
KEIM, MILTON (D.D.S.)	Philadelphia.	Pennsylvania.
KIRKBRIDE, JOSEPH J.	Philadelphia.	Pennsylvania.
KLINE, WILLOUGHBY C.	Bethel.	Pennsylvania.
LALOR, WILLIAM S.	Trenton.	New Jersey.
LAWRENCE, JOSEPH	Hookstown.	Pennsylvania.
LEEDOM, OSCAR	Plymouth Meeting.	Pennsylvania.
LINN, GEORGE W.	Concord.	Pennsylvania.
LONGENECKER, JEROME	Philadelphia.	Pennsylvania.
MASSEY, JAMES T.	Canterbury.	Delaware.
MATLACK, FRANK HICKMAN	Downingtown.	Pennsylvania.
MILLER, HENRY H.	Enon Valley.	Pennsylvania.
MOYER, DANIEL P.	Quakertown.	Pennsylvania.
MUHLENBERG, WILLIAM F.	Allentown.	Pennsylvania.
MCGUFFIN, RICHARD M. J.	Machirville.	West Virginia.
MCLENNAN, ANGUS	Inverness.	Nova Scotia.
MCDONNELL, RODERICK	Stanly Bridge.	Prince Edward's Isla'd.
NEALE, WILLIAM P.	Point Pleasant.	West Virginia.
OSTERSTOCK, JOSEPH H.	Easton.	Pennsylvania.
PARTENHEIMER, JOHN R.	Philadelphia.	Pennsylvania.
POTIER, EZRA B., Jr.	Webster.	New York.
RANCK, CHARLES B.	Philadelphia.	Pennsylvania.
RANCK, JOHN W.	Philadelphia.	Pennsylvania.
REA, JAMES CULBERTSON	Pittsburg.	Pennsylvania.
REESE, WILLIAM P.	Taylor's Store.	Virginia.
RIDGE, MAURICE L.	Attleboro'	Pennsylvania.
RODGERS, WILLIAM T.	Cuthbert.	Georgia.
RUMBERGER, CYRUS C.	Craigsville.	Pennsylvania.
SCHMITT, JULIUS	Rochester.	New York.
SCHNELL, JOSEPH H.	Cincinnati.	Ohio.
SEWALL, CHARLES A.	Philadelphia.	Pennsylvania.
SHANNON, ALBERT	Hope.	New Jersey.
SLIFER, LEVI K.	Philadelphia.	Pennsylvania.
SMITH, CHARLES H.	Linglestown.	Pennsylvania.
SMITH, THOMAS SOZINSKI	Philadelphia.	Pennsylvania.
SNIVELY, SUMMERFIELD E.	Brooklyn.	New York.
STEPHEN, WALKER R.	Reading.	Pennsylvania.
STEWART, DAVID, JR.	Port Penn.	Delaware.
STEWART, ROBERT C.	Shippensburg.	Pennsylvania.
SWARTSWELLER, PETER E.	Polkville.	New Jersey.

NAME.	POST OFFICE.	STATE.
TAYLOR, SEWELL O. B.	Modest Town.	Virginia.
THORN, AI	Clearfield.	Pennsylvania.
TWITMYER, JOHN H.	Zion.	Pennsylvania.
WALKER, JAMES B.	New Centreville.	Pennsylvania.
WELDIN, CHARLES E.	Newport.	Delaware.
WEST, FRANCIS BAYLY	Modest Town.	Virginia.
WIEST, LEWIS R.	Schoeneck.	Pennsylvania.
WOODBURN, SKILES M.	Walnut Bottom.	Pennsylvania.
YOCUM, BENJAMIN B.	Conshohocken.	Pennsylvania.

At the Commencement, held June 29, 1871, the Degree of Doctor of Medicine was conferred upon the following gentlemen:—

CHESTON, CASPAR MORRIS	West River.	Maryland.
MEIGS, ARTHUR VINCENT	Philadelphia.	Pennsylvania.
READ, WILLIAM PRATT	Philadelphia.	Pennsylvania.
WARREN, JOHN W.	Felton.	Delaware.

At the close of the Commencement exercises of March 12, 1872—by authority of the Faculty—honorable mention was made of Dr. THOMAS HUNTER, of Pennsylvania, and Dr. WM. T. ROGERS, of Georgia, of the Graduating Class, on account of the original investigation and research exhibited in their Theses.

At the COMMENCEMENT in JUNE, 1872, the Degree of

BACHELOR OF ARTS

was conferred upon the following members of the Senior Class :—

James Iverson Boswell,	Louis Kalbfus Lewis,
Horace Castle,	Adolphus Henry Meyers,
Richard Colegate Dale, Jr.,	William Montgomery Meigs,
Charles Wadsworth Duffield,	James Monroe Murray,
James Sterling Fenton, Jr.,	Harry Walstane Nancrede,
Robert Patterson Field,	William Parker Newlin, Jr.,
Edwin Finney Fulton,	Henry Charles Olmsted,
Hood Gilpin,	John Rodman Paul, Jr.,
Charles Blomfield Goldsborough,	Henry Robert Percival,
Emile Gustavus Hirsch,	George Tybout Purves,
Edward Hopkinson,	Franklin Lawrence Sheppard,
Charles Elvin Houpt,	John Bonsall Taylor,
William Perot Huston,	Samuel Hinds Thomas,
Sutherland Law,	Ulrich William Vollmer.

The Degree of

BACHELOR OF SCIENCE

was conferred upon the following members of the Senior Class :—

Louis Moore Childs,	Benton Ramsey.
Howard Murphy,	

A Certificate of Proficiency was awarded to
William Herbert Washington.

The Degree of

MASTER OF ARTS

was conferred upon the following Graduates of three years' standing (1869) :—

Robert Adams, Jr.,	Edward Robins Grant,
Rev. George Pomeroy Allen,	William Welsh Harrison,
Rev. John Grant Bawn,	Joseph Hopkins,
Ellis Yarnall Brown,	Charles Philip Krauth, Jr.,
William Henry Burnett,	Rev. Thomas Reed List,
James Hopkins Carpenter,	Henry Jesse Maris,
Maskell Ewing,	Edward Ritchie,
Rev. Henry Neidig Fegley,	George Hay Stuart, Jr.,
Robert Graham,	Richard Francis Wood.

The Degree of

BACHELOR OF LAW

was conferred (*in course*) upon

Paschal Coggins,	George W. Edwards,
Charles H. Henderson,	Christian M. Hostetter,
James C. Jacquet,	Brandon L. Keys,
George Russell,	David K. Stone.
Isaac D. Yocum,	

The Degree of

DOCTOR OF PHILOSOPHY

was conferred upon the following Doctors of Medicine:—

Adolph W. Miller,	Anthony R. Finck,
G. Willas Linn,	Randal W. Morgan,
George Kerr,	Thomas Sozinski Smith,
James C. Rea,	Levi K. Slifer.

The Honorary Degree of **DOCTOR OF DIVINITY** was conferred upon

Rev. William P. Lewis,	Rev. Henry E. Duncan.
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The Honorary Degree of **DOCTOR OF LAWS** was conferred upon

Joseph Thomas, M.D.

COLLEGE DISTINCTIONS AWARDED DURING THE YEAR 1871-72.

DEPARTMENT OF ARTS.

At the examination of the Senior Class for Degrees the following members of the class were ascertained to have reached the first class of distinctions:—

- | | |
|--------------------------------|---------------------------------|
| 1. Franklin Lawrence Sheppard, | 7. James Sterling Fenton, Jr., |
| 2. Horace Castle, | 8. George Tybout Purves, |
| 3. Harry Walstain Nanerede, | 9. Samuel Hinds Thomas, |
| 4. John Rodman Paul, Jr., | 10. Henry Charles Olmsted, |
| 5. Henry Robert Percival, | 11. Charles Wadsworth Duffield. |
| 6. Richard Colegate Dale, Jr., | |

At the Annual Examination, 1872, the following Students were found to have reached the first class of distinctions in their respective classes:—

Juniors.

- | | |
|----------------------------|------------------------------------|
| 1. William Force Whitaker, | 5. William Boyd, Jr., |
| 2. Robert Andersen, | 6. Lester Wells, |
| 3. Coleman Sellers, Jr., | 7. Henry Carvill Lewis, |
| 4. Percival Holl Hickman, | 8. Theodore Daniel Frederick Beck. |

Sophomores.

- | | |
|------------------------|--------------------------|
| 1. John Francis Maher, | 2. Charles Morton Smith. |
|------------------------|--------------------------|

Freshmen.

- | | |
|-------------------|-----------------------------|
| 1. Carroll Smyth, | 2. Charles Edward Pancoast. |
|-------------------|-----------------------------|

PRIZES for voluntary exercises, over and above the regular course, were awarded as follows:—

In the Department of Intellectual and Moral Philosophy: In the Junior Class, for the best Essay on "*Innate Ideas*"—to THEOPHILUS BAKER STORK, with honorable mention of GUSTAVUS SMITH BENSON, JR.

In the Department of Greek Language and Literature: In the Senior Class, for the best Examination in "*Demosthenes on the Crown*," read with the Professor in addition to the regular course—equally to HORACE CASTLE and SAMUEL HINDS THOMAS.

In the Junior Class, for the best examination upon the "*Prometheus Vincitus*" of Æschylus, and the "*Oration of Æschines on the Crown*," read with the Adjunct Professor in addition to the regular course—to WILLIAM BOYD, JR.

In the Freshman Class, for the best Examination in "*Greek Prose Composition with the Accents*"—to CARROLL SMYTH, with honorable mention of CHARLES EDWARD PANCOAST.

In the Department of History and English Literature: Senior Prize for the best Essay on "*The Obligations of the World to the United States*"—to RICHARD COLEGATE DALE, JR.

Junior Prize for the best Essay on "*The Influence of the Northmen on European Civilization*"—to THEOPHILUS BAKER STORK.

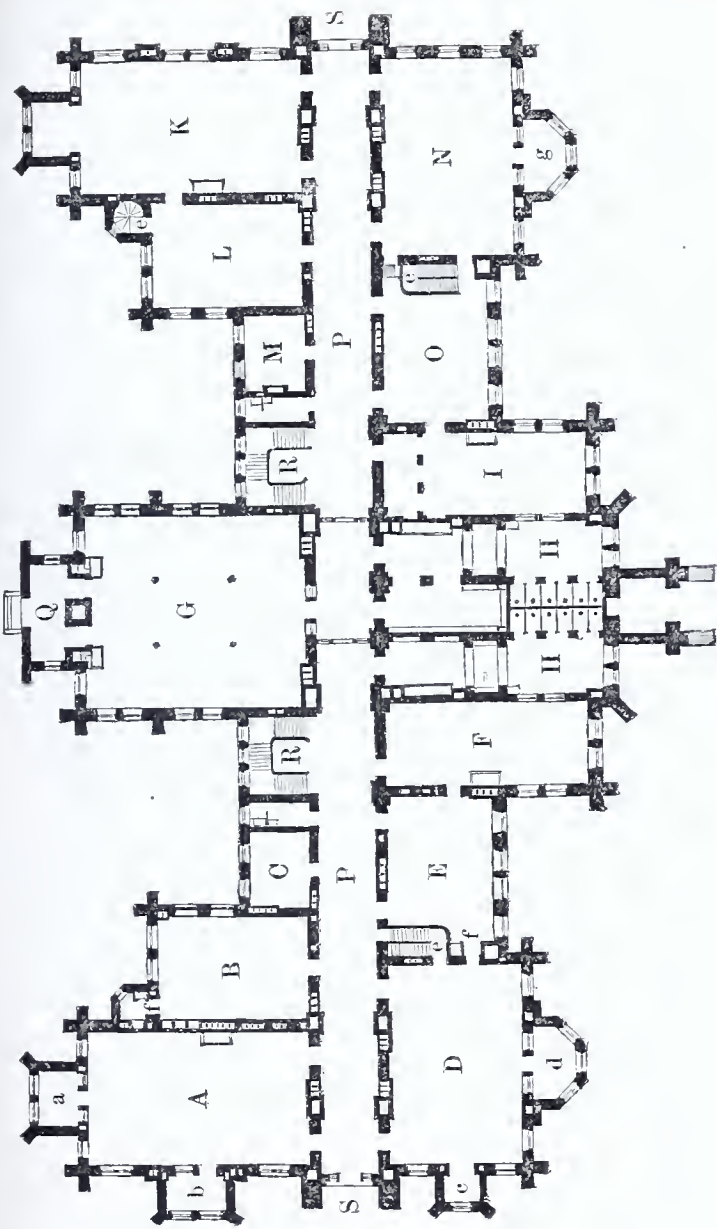
The *Matriculate Greek Prize*, for the best examination by a member of the Freshman Class, immediately after his admission to College, upon the "*Elements of Greek Prose Composition*"—to BENJAMIN M'KINLEY FAIRES.

The *Matriculate Latin Prize*, offered in the same manner, for the best examination upon the "*Elements of Latin Prose Composition*"—to WILLIAM LEDYARD CATHCART.

The Prize for Mechanical Drawing in the Scientific Classes—to ALBERT BORDEN WILLIAMS.

The "*Alumni Prize*," for the best Latin Essay by a member of the Graduating Class—to FRANKLIN LAWRENCE SHEPPARD.

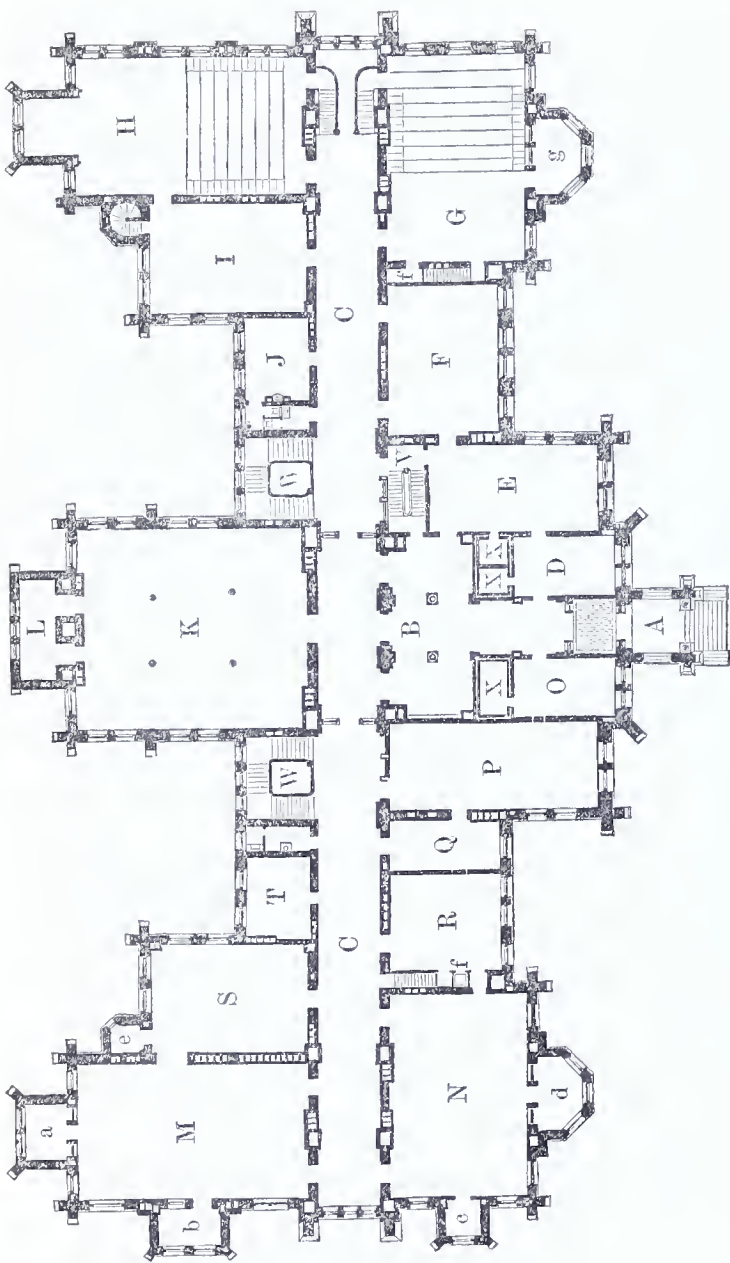
The *Henry Reed Prize*, for the best English Essay, by a member of the Graduating Class, on the subject, "*Ballads and Popular Songs in History*"—to GEORGE TYBOUT PURVES.



PLAN OF BASEMENT.

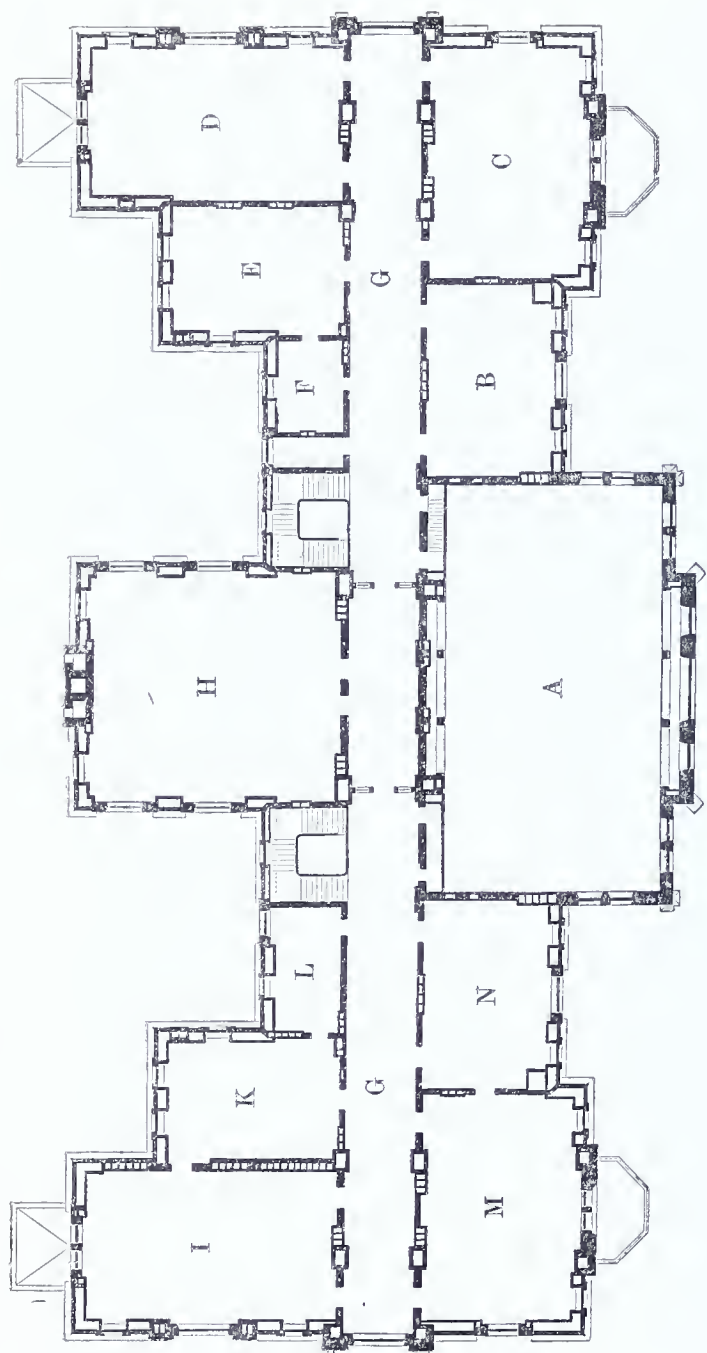
- A.* Metallurgical Laboratory.
- B.* Furnace Room.
- C.* Balance Room.
- D.* Machinery and Work Room.
- E.* Store and Apparatus Room.
- F.* Janitor.
- G.* Assembly Room.
- H.* Water Closets.
- I.* Store Room.

- K.* Physical Laboratory.
- L.* Store Room—Department of Physics.
- M.* Janitor.
- N.* Preparing Laboratory—Chemistry.
- O.* Store Room—Department of do.
- P.* Corridor.
- R.* Main Stairway.
- a, b, c, d, e, g.* Assistants' Rooms.



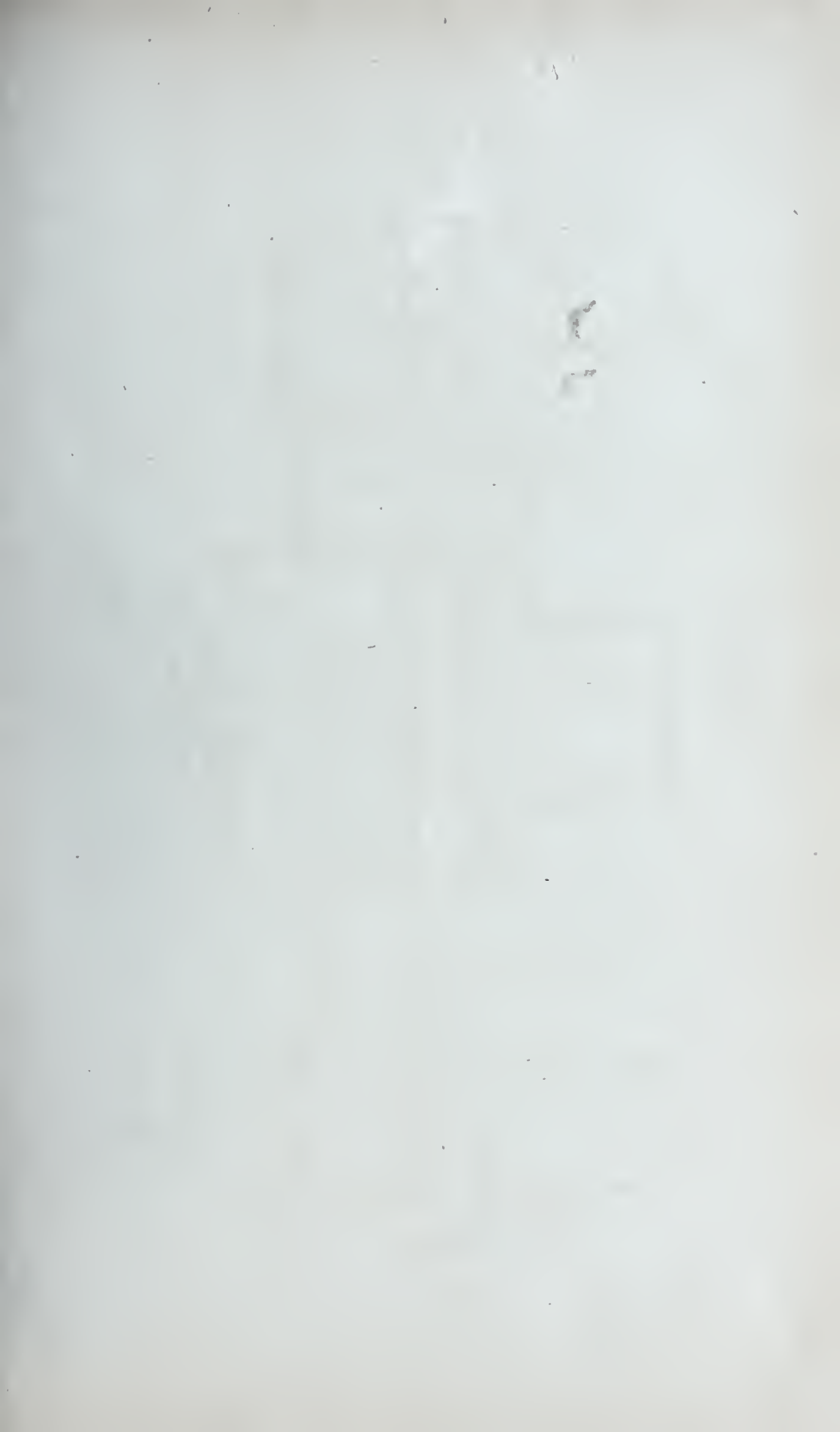
PLAN OF FIRST FLOOR.

- | | | |
|--|-----------------------------|---|
| A. Porch. | K. Library. | O. Office of the Dean of the Faculty—Department of Science. |
| B. Hall. | M. Quantitative Laboratory. | P. Professors' Private Laboratory. |
| C. Corridor. | N. Quantitative do. | Q. Balance Room. |
| D. Office of the Secretary of the Board of Trustees. | | R. Room for Preparation of Chemicals. |
| E. Trustees and Faculty Room. | | S. Laboratory for Organic Analysis. |
| F. Provost's Lecture Room. | | T. Balance Room. |
| G. Chemical Lecture Room. | | a, b, c, d, g. Assistants' Rooms. |
| H. Lecture Room—Physics. | | |
| I. Apparatus Room—Physics. | | |
| J. Provost's Office. | | |



PLAN OF THIRD FLOOR.

- | | |
|---|--|
| <i>A.</i> Upper Part of Chapel. | <i>G.</i> Corridor. |
| <i>B.</i> Drawing Room. | <i>H.</i> Examination Hall. |
| <i>C.</i> Professor of French. | <i>I, K.</i> Department of Mechanical and Civil Engineering, |
| <i>D.</i> Assistant Professor of Mathematics. | <i>L.</i> Work and Model Room |
| <i>E.</i> Professor of German. | <i>do.</i> |
| <i>F.</i> Private Room. | <i>M, N.</i> Drawing and Architecture. |





UNIVERSITY OF PENNSYLVANIA, MEDICAL DEPARTMENT,
Ninth Street above Chestnut, Philadelphia.